

Four51 Storefront Release Notes

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Feature	Action Required	Application	Description	Release Date
Affected Files		Storefront 2.0	app/js/controllers/cartCtrl.js app/partials/Conditions/conditions-en-US.html app/partials/Security/security-en-US.html app/js/controllers/addressInputCtrl.js	March 2, 2023
Edit Order For Approval		Storefront 2.0	The following issue with the base Storefront 2.0 site has been resolved: The Shipper Name is deleted on an order when an approving user removes a line item when editing an order for approval and then clicking the Back button on the browser and approving the order. Changed Files: app/js/controllers/cartCtrl.js	March 2, 2023
Security - Privacy Policy		Storefront 2.0	The Privacy Policy link in the Conditions of Use section now points to the Sitecore Privacy Policy. Changed Files: app/partials/Conditions/conditions-en-US.html app/partials/Security/security-en-US.html	March 2, 2023
Strikeiron Tax Integration		Storefront 2.0	The issue with the Strikeiron integration with non-US address has been resolved. Changed Files: app/js/controllers/addressInputCtrl.js	March 2, 2023

Reporting Services		Reporting	The ability to download Product Group-Products assignment data in the Standard-Product-ProductGroup Batch Upload format was added to the Reporting Services Dashboard standard reports: Batch Upload Standard - Product-Product Group.	March 2, 2023
Reporting Services		Storefront	The ability to download the Product Group data in the Standard-ProductGroup Batch Upload format was added to the Reporting Services Dashboard standard reports: Batch Upload Standard – Product Group	March 2, 2023
Order Validate		Storefront	Static Specs are now included in the ProductSpecs element structure in the Order Validate web services XML.	March 2, 2023
Supplier Product Search		Storefront	The issue with running Product Reports on the Supplier interface has been resolved.	March 2, 2023
Sales Tax Companies		Storefront	The performance issue on the Sales Tax Companies page with clients with many buyer companies has been resolved.	March 2, 2023
TaxCloud Tax Integration		Storefront	The issue with the TaxCloud integration when the cart has no taxable line items has been resolved.	March 2, 2023
Seller Order View		Storefront	The issue with accessing Archived orders from Reports that have a Spending Account payment method that no longer exists has been resolved.	March 2, 2023
Storefront 2.0 Code Editor		Storefront	The “app/” string in the 2.0 File Override path will no longer appear when the Storefront 2.0 site has a custom repository.	March 2, 2023

Storefront 2.0 Code Editor		Storefront	The message when deleting a 2.0 File Override is now more descriptive to help alleviate issues with accidentally deleting a file override.	March 2, 2023
Storefront 2.0 Code Editor		Storefront	Creating a 2.0 File Override now requires both a file path and contents. An error message will appear if either the file path or content area is blank.	March 2, 2023
Storefront 2.0 Code Editor		Storefront	When editing the index.html file of a 2.0 site, the base tag and script tag on lines 4 and 5 will be automatically replaced with these to resolve related issues: <!--baseTagToken--> <!--headscriptToken-->	March 2, 2023
Reporting Services		Reporting	The ability to download Address data in the Standard-Address Batch Upload format was added to the Reporting Services Dashboard standard reports: Batch Upload Standard – Address	June 2, 2022
Products		Storefront	The issue with deleting variants that have a static file spec has been resolved.	June 2, 2022
Auto Emails		Storefront	The issue with the specific non-US currency symbol in the Auto Emails is now resolved.	June 2, 2022
Affected Files		Storefront 2.0	app/css/bootstrap-451.css app/js/controllers/cartCtrl.js app/partials/controls/customTextField.html	March 3, 2022
Reports		Storefront 2.0	The intermittent issue of the report not running when clicking on the Report Data tab on 2.0 sites has been resolved. Changed Files: app/css/bootstrap-451.css	March 3, 2022

Date Needed		Storefront 2.0	The issue with the Data Needed displaying one day in the past for various time zones on 2.0 sites has been resolved. Changed Files: app/js/controllers/cartCtrl.js	March 3, 2022
Custom Order Field		Storefront 2.0	The issue with the value of a custom order field that has a mask not displaying correctly on the Seller Order View page has been resolved. Changed Files: app/partials/controls/customTextField.html	March 3, 2022
Reporting Services		Reporting	The ability to download Variant data from static products in the Standard-Product Variants Batch Upload format was added to the Reporting Services Dashboard standard reports: Batch Upload Standard – Product Variant	March 3, 2022
Reporting Services		Reporting	The ability to download Inventory Notification users in the Standard-Inventory Notification Batch Upload format was added to the Reporting Services Dashboard standard reports: Batch Upload Standard – Inventory Notification	March 3, 2022
Batch Upload	Yes	Storefront	The Static Specs Batch Upload template now supports Variant level static specs. There is a new column called Variant ID that allows you to specify the Variant ID of a variant under the product. You will need to download the latest Batch Upload Spreadsheets zip file on the Knowledgebase to view the changes.	December 16, 2021
Reporting Services		Reporting	The ability to download Spending Account data in the Standard-Spending Account Batch Upload format was added to the Reporting Services Dashboard standard reports: Batch Upload Standard – Spending Accounts	November 18, 2021

Order Report		Storefront	The Order Report will now contain spending account data for split billing orders that are older than 90 days.	November 18, 2021
Logon Page – Forgot Password		Storefront	The message that appears to a user when using the Forgot Your Password functionality on the Logon Page is now a generic message.	November 18, 2021
GitHub Integration		Storefront	The error that occurs when pulling down the repository from GitHub for repositories that have a main branch only has been resolved.	November 18, 2021
Affected Files		Storefront 2.0	app/js/controllers/cartCtrl.js	September 30, 2021
Punchout		Storefront	The Product's Quantity Multiplier and Variant ID can now be passed back to the procurement platform in the punchout order message.	September 30, 2021
TaxCloud		Storefront	The error occurring when the shipping address is non US has been resolved. TaxCloud only support US addresses.	September 30, 2021
Kits		Storefront 2.0	The validation on the Cart page when more than one kit product is present on the cart has been resolved. Changed Files: app/js/controllers/cartCtrl.js	September 30, 2021
Help Resources		Storefront	The Cases and Knowledge Base links within the Resources top navigation were modified to point to ServiceNow and the Sitecore Knowledge Base respectively.	August 17, 2021
Reporting Services		Reporting Services	The ability to pull variable spec data for variants under Variable products on a per product basis was added to the Reporting Services Dashboard standard reports: Products - Variable Text Variants	August 17, 2021

Reporting Services		Reporting Services	The ability to download Static Spec data in the Standard-StaticSpec Batch Upload format was added to the Reporting Services Dashboard standard reports: Batch Upload Standard - Static Spec	August 17, 2021
Affected Files		Storefront 2.0	app/partials/copyrightView.html	June 28, 2021
Footer		Storefront 2.0	The logos and footer/copyright have been modified to reflect the Four51 acquisition by Sitecore. Changed Files: app/partials/copyrightView.html	June 28, 2021
Affected Files		Storefront 2.0	app/index.html	March 4, 2021
Spending Account Auto Renew		Storefront	There is a new optional Account Type field called "Start Date" that, if set, will drive when the spending accounts associated with that Account Type are renewed in the future. For example, if you set the Start date to 4/1/2021 on an Account Type that renews once a month, all existing or newly added spending accounts associated with that Account Type will be renewed on the first of the month moving forward.	March 4, 2021
Admin Users		Storefront	Admin users that have tracked data associated with them will now be able to be deleted and the data will be transferred to the company contact user.	March 4, 2021
PayPal Level II Data		Storefront	The error with PayPal transactions on orders with a spending account and a credit card that have a transaction amount less than the shipping costs and the user has the Level II Reporting permission assigned has been resolved.	March 4, 2021
Product Batch Upload		Storefront	The issue with updating the API Interop ID on existing products via the Product Batch Upload and not being reflected on the	March 4, 2021

			Product Report has been resolved.	
2.0 Logon		Storefront 2.0	There is now a message that is displayed to the user when attempting to logon and the buyer company is not active. Changed Files: app/index.html	March 4, 2021
2.0 URLs		Storefront 2.0	The issue that occurs when the application name of a minified 2.0 site is a different case than the buyer user is accessing has been resolved. Example: 2.0 Site Application Name is /Store and the buyer user is going to /store.	March 4, 2021
Affected Files		Storefront 2.0	app/js/controllers/Four51Ctrl.js app/js/controllers/navCtrl.js app/js/services/securityService.js app/js/controllers/userEditCtrl.js app/js/services/userService.js app/partials/userView.html	January 28, 2021
Open Archived/Old		Storefront	There is a new Admin user permission to manage the visibility of the "Open Archived/Old" orders on the Administrative interface. The permission will be present on the Admin User Edit page to allow admin users with the Modify/Create Admin User permission the ability to assign the new permission to other admin users.	January 28, 2021
USPS Integration		Storefront	The URL Four51 calls to retrieve real-time rates from USPS has been updated to their most recent URL.	January 28, 2021
PayPal - Payflow Pro		Storefront	The issue with Level II PayPal transactions where the shipping/freight amount is the same as the transaction amount has been resolved.	January 28, 2021

Admin/Supplier Interfaces		Storefront	The issue with the width of the grids/tables not being correct in Firefox/Chrome/IE Edge has been resolved.	January 28, 2021
Admin/Identify User Page		Storefront 2.0	For security purposes, buyer users will now be logged out and their access token disabled when they change their password on the Admin / User Information page. Changed Files: app/js/controllers/userEditCtrl.js	January 28, 2021
Admin/Identify User Page		Storefront 2.0	The message that appears to a user on the Admin / Identify User page when they request a password reset is now a generic message. Changed Files: app/partials/userView.html	January 28, 2021
User Session		Storefront 2.0	Users will now be logged out and their access token disabled after 15 minutes of inactivity. Changed Files: app/js/controllers/Four51Ctrl.js app/js/controllers/navCtrl.js app/js/services/userService.js	January 28, 2021
User Session		Storefront 2.0	The Secure cookie flag is now set for the Storefront 2.0 cookie. Changed Files: app/js/services/securityService.js	January 28, 2021
CardConnect Integration		Storefront	The Four51 Order ID will now be passed in the PO Number field for reference transactions (Order Approved, Order Changed, etc).	January 28, 2021

Default Error Page		Storefront	A default error page will now be displayed to users when unhandled errors occur.	December 17, 2020
2.0 Security		Storefront 2.0	These security related items are now available to be implemented on a per 2.0 site basis: - Custom Response Headers - Disable 2.0 access token on Logout - Log user out after 15 minutes of inactivity Please submit a case or contact your Account Representative to learn more about implementing the solutions on your 2.0 sites.	December 17, 2020
2.0 Access Tokens		Storefront 2.0	The Storefront 2.0 access tokens are now active for 8 hours. Users will have to login after that period of time has expired.	December 17, 2020
Password Reset		Storefront 2.0	The Password Reset message to users on the Login page for 2.0 sites has been changed to a more generic message for security purposes. The same message will now display when the user's email address does exist or doesn't exist on our system. Also, the Password Reset form to allow the user to enter their code on the Identity User page will now appear even if their email address is not present on our system.	December 17, 2020
Affected Files		Storefront 2.0	app/js/controllers/checkOutViewCtrl.js	November 5, 2020
Print & Promo Marketplace		Storefront	Four51 Storefront Print & Promo Marketplace (PPM) is here! For information, training and access to the PPM and its pre-built integrations to connected suppliers, contact Four51 at MarketplaceSupport@four51.com. The NEW functionality includes direct user access, within the Four51 Storefront admin interface to curated lists of products (e.g. print, promo, apparel) from connected suppliers with pre-built, Storefront to supplier, and order integrations. Contact Four51 at	November 5, 2020

			MarketplaceSupport@four51.com for more information.	
Order Submit		Storefront 2.0	The Submit button on the CheckOut page will now be disabled after the Submit button has been clicked to prevent the user from clicking the button multiple times. Changed Files: app/js/controllers/checkOutViewCtrl.js	November 5, 2020
Logon/Admin Page		Storefront 2.0	A generic error message will now be presented to the user when failing to logon, entering in the wrong password reset token, or being locked out. The user will receive an email if their account has been locked out with a detailed error message. Generic Message: Unable to log in. Please ensure that your username and password are correct.	November 5, 2020
Outbound Punchout		Storefront	A generic error message will now appear for failed Setup Request and Order Message transactions during the Outbound Punchout workflow.	November 5, 2020
Cart page		Storefront 2.0	Order Tax will no longer be calculated when items are deleted from an order on the Cart page due to the shipping address not always being present on the order at that point in the check out process.	November 5, 2020
Pageflex		Storefront	The Pageflex servers that render all preview, proof, and production jobs are being upgraded to Pageflex Server version 9.3.0.	July 23, 2020
Affected Files		Storefront 2.0	app/index.html app/partials/controls/checkoutButtons.html	July 16, 2020
Security		Storefront 2.0	The two http URLs in the index.html file have been updated to secure https links.	July 16, 2020

			Changed Files: app/index.html	
Order Submit		Storefront 2.0	The buttons (Continue Shopping, Cancel Order, Save Order, Submit Order) will be disabled after the Submit button is clicked to prevent order related issues from occurring when one of the buttons is clicked while the order submission process is executing. Changed Files: app/partials/controls/checkoutButtons.html	July 16, 2020
Affected Files		Storefront 2.0	app/partials/Conditions/conditions-en-US.html app/js/services/errorService.js	February 3, 2020
Tax Integration: TaxCloud		Storefront	Four51 now integrates with TaxCloud to provide real-time tax rates during the checkout process. TaxCloud provides product and jurisdiction rate logic and automatic remittance to 25 states. A TaxCloud account is required by Four51 customers to take advantage of this add-on service: https://taxcloud.net/ Please contact Four51 if you are interested in the integration and how to get started.	February 3, 2020
Open Archived/Old Orders		Storefront	Open Archived/Old orders are now able to be marked as Complete via the Order Search page. Select “Open Archived/Old” from the Order Status drop down and choose start/end date to view the orders. Select the checkbox for the orders you want marked as complete and then click on “Complete Selected Orders” to mark them as complete. The date completed will be 7 days after they were submitted.	February 3, 2020
CCPA - Conditions of Use		Storefront	Four51’s Conditions of Use have been updated for the California Consumer Privacy Act (CCPA). Admin/Seller users	February 3, 2020

			will be required to accept the new Conditions of Use following the release. Changed Files: app/partials/Conditions/conditions-en-US.html	
Security - Cookies		Storefront	The SameSite cookie flag has been added to the Four51 cookies to accommodate an update in Google Chrome's next release set for the week of February 17th. Google Chrome is requiring this cookie setting for all sites that run in a frame that use cookies with their version 80 release.	February 3, 2020
2.0 Users - Login/Admin		Storefront 2.0	The issue on the 2.0 Login and Admin pages when users are required to set their password or change their password due to security reasons has been resolved. Changed Files: app/js/services/errorService.js	February 3, 2020
Affected Files		Storefront 2.0	app/favicon.ico app/partials/kitVariantView.html app/js/controllers/kitVariantCtrl.js app/js/controllers/kitSpecFormCtrl.js app/partials/kitView.html app/index.html app/js/routing.js app/partials/controls/productNav.html app/js/controllers/kitCtrl.js	December 19, 2019
Web Services - Product		Storefront	A new optional element was added to the SaveProduct method called ProductDetailTemplateName that will allow a product detail template to be assigned or unassigned from a product.	December 19, 2019

Web Services - Product		Storefront	Optional auto-forward related elements were added to the SaveProduct method that will allow auto-forward to be configured for a product.	December 19, 2019
Web Services - Group		Storefront	A new Group method was created called AssignCostCenter that will allow groups to be assigned to a cost center.	December 19, 2019
Error Messages		Storefront 2.0	Verbose error messages will be suppressed that occur against the 2.0 API.	December 19, 2019
USPS Integration		Storefront	The issue with the integration to USPS during the checkout process when the ship to zip is zip + 4 has been resolved.	December 19, 2019
Kits - Variable Products		Storefront 2.0	Users will now be able to create a variant of a variable product in a kit on a Storefront 2.0 site. Storefront 2.0 sites using the Four51 Storefront repository and have index.html and routing.js file overrides will be updated automatically during the release. Changed Files: app/partials/kitVariantView.html app/js/controllers/kitVariantCtrl.js app/js/controllers/kitSpecFormCtrl.js app/partials/kitView.html app/index.html app/js/routing.js app/partials/controls/productNav.html app/js/controllers/kitCtrl.js	December 19, 2019
Storefront Logo		Storefront	The Storefront logo has been updated with the new Four51 brand guidelines across the various Four51 interfaces and related sites. Changed Files: app/favicon.ico	December 19, 2019

Affected Files		Storefront 2.0	app/js/services/securityService.js app/js/controllers/checkOutViewCtrl.js	November 5, 2019
Reporting Services - Product Report		Reporting Services	There is a new report available to allow subscribers of Reporting Services to download product data in the Batch Upload Standard - Product format.	November 5, 2019
Reporting Services - Category Report		Reporting Services	There is a new report available to allow subscribers of Reporting Services to download category data in the Batch Upload Standard - Category format.	November 5, 2019
New Payment Gateway - CardConnect		Storefront	Four51 now integrates to the CardConnect payment gateway to allow another option for supporting credit card payments. This Knowledge base article has further information: Payment Gateway Information	November 5, 2019
New Payment Gateway - TranSafe (Powered by Infintech)		Storefront	Four51 now integrates to the TranSafe (Powered by Infintech) payment gateway to allow another option for supporting credit card payments. This Knowledge base article has further information: Payment Gateway Information	November 5, 2019
2.0 User Cookie		Storefront 2.0	The unencrypted user data in the Storefront 2.0 cookie has been removed for security purposes. Changed Files: app/js/services/securityService.js	November 5, 2019
2.0 Send Notification To Others		Storefront 2.0	The issue with the Send Notification To Others functionality on Storefront 2.0 sites has been resolved.	November 5, 2019

			Changed Files: app/js/controllers/checkOutViewCtrl.js	
Security - Additional Headers		Storefront	The following two security related headers have been added: Content-Security-Policy and X-Content-Type-Options	November 5, 2019
Shipments - DHL Tracking URL		Storefront	The issue with the DHL Tracking URL on the Shipments page has been resolved.	November 5, 2019
Reports - Catalog Report		Storefront	The Catalog Report was added on the Administrative interface to allow admin users the ability to view their list of catalogs/companies.	November 5, 2019
Saved Reports - Company Dropdown		Storefront	The issue with the value in the Company drop down being saved appropriately for a Saved Report has been resolved.	November 5, 2019
Reporting Services Dashboard		Reporting Services Dashboard	The Reporting Services Dashboard add-on service was updated with a new user interface and additional standard reports.	September 5, 2019
Variants Based on Selection Specs (VBOSS) - Static Specs		Storefront	Static Specs are now available to be managed under Variants Based on Selection Specs (VBOSS) and will be sent with order and XML data.	September 5, 2019
Order Approval		Storefront 2.0	The issue with the payment total amounts when an order is approved on a 2.0 site and the price of the product on the order was modified while the order was awaiting approval has been resolved.	September 5, 2019
Password Reset		Storefront 2.0	The 2.0 Forgotten Password email is now being sent instead of the 1.0 Forgot Your Password email when a user requests a password be changed on the Admin/Identify User page of a 2.0 site.	July 8, 2019

1.0 Form Fields		Storefront 1.0	Cross-site scripting prevention measures are now in place for specific fields on the 1.0 buyer, distributor, and supplier interfaces.	July 8, 2019
Reporting		Storefront	An apostrophe will be prepended to all values in download CSV reports that start with one of these characters to prevent CSV Injection: =, +, -, @ - Specifically in the remainder of reports that are affected.	July 8, 2019
Affected Files		Storefront 2.0	app/js/services/userService.js	June 19, 2019
Logon/Password Reset		Storefront 2.0	The issue with resetting your password and logging on appropriately has been resolved.	June 19, 2019
Gift Card Transaction Report		Storefront	The issue with running the Gift Card Transaction Report that contains data with negative adjustments has been resolved.	June 19, 2019
Affected Files		Storefront 2.0	app/js/services/userService.js app/js/controllers/checkOutViewCtrl.js app/partials/Conditions/conditions-en-US.html	June 6, 2019
Infrastructure		Storefront	Client and application files are moving to a new infrastructure solution to provide better reliability and scalability. Instances of paths to shared Pageflex Project Files (\\storage2012 and \\storage2) in Themes, Pageflex Projects, Database tables will be automatically updated to point to this new location: \\Storage\\Files\\ProjectFiles\\Shared	June 6, 2019
2.0 Logon		Storefront 2.0	Enhancement to the 2.0 Logon functionality to utilize a new 2.0 API endpoint to authenticate a user using the POST method. Changed Files: app/js/services/userService.js	June 6, 2019

2.0 Order Submit		Storefront 2.0	The intermittent issue when the shipping cost is incorrect on order submission for users using multiple browser windows has been resolved. Changed Files: app/js/controllers/checkOutViewCtrl.js	June 6, 2019
Conditions of Use		Storefront & 2.0	The Conditions Of Use language has been modified to include information related to the responsibility of security compliance on custom 2.0 sites/repositories. Seller users will be required to accept the new Conditions of Use. Changed Files: app/partials/Conditions/conditions-en-US.html	June 6, 2019
2.0 Edit Order For Approval		Storefront 2.0	Issue Resolved: The split billing payment amounts are now correct when an approving user edits an order for approval that lowers the order total below the spending account balance and approves the order.	June 6, 2019
Reporting		Storefront	An apostrophe will be prepended to all values in download CSV reports that start with one of these characters to prevent CSV Injection: =, +, -, @	June 6, 2019
Minify Sources		Storefront 2.0	Performance improvements have been made to the process to minify 2.0 files when changes are made to 2.0 site files and when users logon to 2.0 sites.	April 10, 2019
2.0 Order Save		Storefront 2.0	Performance improvements have been made to the Order endpoint (POST). This endpoint is called when orders are saved.	April 10, 2019
Data Delivery Package		DDP	The APIInteropID column has been added to the Product and Variant tables.	April 10, 2019

Theme/File Access FTP	Yes	Storefront	The deprecated themes.four51.com and wfftp.four51.com FTP sites will no longer be accessible. The new appFTP.four51.com FTP site will need to be used moving forward for Themes and FTP File Access. Information on how to access the new FTP sites can be found on the Themes and FTP File Access pages of the Admin interface.	January 10, 2019
Punchout - Inbound		Storefront	Punchout Management Enhancements - Additional punchout self-service options are now available (upon request).	January 10, 2019
2.0 Admin page		Storefront 2.0	The intermittent issue on the 2.0 Admin / Identify User Page with the "Username already exists" error message appearing erroneously has been resolved.	January 10, 2019
2.0 - Product List / Search		Storefront 2.0	Performance improvements to the 2.0 Product List and Search Results pages (/products 2.0 API endpoint).	January 10, 2019
2.0 Sites		Storefront	After a buyer company has been deleted, the 2.0 site(s) under the buyer company will no longer be accessible.	January 10, 2019
Payflow Pro		Storefront	The issue with having the Level II Reporting permission assigned and an order having two payment methods has been resolved.	January 10, 2019
Themes FTP		Storefront	The Themes FTP will be changing to behave like the Pageflex Project FTP currently functions, with logging on using the credentials of the Four51 User. The Themes page on the admin interface will provide instructions on how to access the new FTP site. NOTE: The current Themes FTP (themes.four51.com) will remain active for a period of time to allow clients to switch to the new Theme FTP method. Further details will be provided	November 15, 2018

			post-release.	
File Access FTP		Storefront	The File Access FTP will be changing to behave like the Pageflex Project FTP currently functions, with logging on using the credentials of the Four51 User. The FTP File Access page on the admin interface will provide instructions on how to access the new FTP site. NOTE: The current File Access FTP (wfftp.four51.com) will remain active for a period of time to allow clients to switch to the new FTP File Access FTP method. Further details will be provided post-release.	November 15, 2018
Themes		Storefront	The Themes area under the Admin top navigation will now always appear for admin users that have the Edit Themes permission. Before this change, the Themes area did not appear if all buyer companies had a Default 2.0 Site assigned.	November 15, 2018
Emails		Storefront 2.0	Emails for orders from Storefront 2.0 sites that use a culture other than United States will now reflect the appropriate language in the emails.	November 15, 2018
Coupon Edit page		Storefront	The value in the "Discount Amount" drop down now reflects the correct value while using the Google Chrome browser.	November 1, 2018
Outbound Punchout		Storefront	The Product's Ship Weight can now be included in the punchout setup request to the external system.	November 1, 2018
Product List /Search Results Pages	Yes	Storefront 2.0	The Product's Unit Of Measure is now included in the base product object in the 2.0 API. Due to this change, the Unit of Measure will display on the Product List/Search Results pages unless the 2.0 site has been customized to not display the Unit Of Measure. If you want to hide the Unit Of Measure on your 2.0 site, then	September 27, 2018

			you will need to remove the related HTML from the default Product List view: partials/controls/shortProductView.html If you have customized the Product List view, you may need to edit one of the following files: partials/controls/shortProductViewGallery.html partials/controls/shortProductViewInline.html partials/controls/shortProductViewMinimal.html	
Default Error page		Storefront	A default error page will now be displayed to users when unhandled errors occur.	September 27, 2018
Admin - Credit Cards		Storefront	Admin created credit cards that have an expiration date in the past can now be deleted.	September 27, 2018
Orders		Storefront 2.0	Line items on submitted orders will no longer be allowed to be deleted by the end users when there are session related issues.	September 27, 2018
Code Editor		Storefront	The issue related to attempting to delete a file override and then canceling the delete event on the Storefront 2.0 Code Editor page has been resolved.	September 27, 2018
Price Schedule Save		Web Services	Price schedules created via the Price Schedule Save web service will now correctly apply variable spec markups (if present) when the product is ordered.	September 27, 2018
2.0 API Errors		Storefront 2.0	The high level error message and error code will now be returned in calls to the 2.0 API that result in a 500 error.	September 27, 2018
Git File Deployment		1.0	There will be a spinning wheel icon that will display when any button on the Git File Deployment page is clicked to restrict the ability for multiple buttons to be clicked quickly.	September 27, 2018

Batch Upload - Group		Batch Upload	Issues related to no values being in the New Group Name column have been resolved.	September 27, 2018
Affected Files			app/lib/oc/ordercloud-specforms.js app/index.html	July 26, 2018
2.0 Spec Form Toolbar		Storefront	Enhancements to the 2.0 toolbar directive to interpret the Enter key as a single line break instead of a double line break and to display values appropriately on the Variant Edit page. Changed Files: app/lib/oc/ordercloud-specforms.js	July 26, 2018
Storefront 2.0 - CalculateTax Order Validate		Order Validate	The CalculateTax Order Validate web service will now only be triggered when the order or line item has a shipping address set. This performance enhancement is only applicable to Storefront 2.0 sites.	July 26, 2018
Storefront 2.0 - Anti-framing Measures		Storefront	For security purposes, Storefront 2.0 sites that use the base Four51 Storefront 2.0 repository/application will no longer run within a frame on an external site. The 2.0 site will now load outside of the frame. Changed Files: app/index.html	July 26, 2018
Save Cost Center Web Service		Web Services	Setting a Default Ship To for a Cost Center is now supported in the Save Cost Center web service. New Optional Element: DefaultShipToInteropID	July 26, 2018
Save Variant Web Service		Web Services	The issue with setting an image for a variant via the Save Variant web service has been resolved.	July 26, 2018
Affected Files			app/partials/reporting/inventoryReport.html	June 21, 2018

			app/partials/Conditions/conditions-en-US.html app/partials/Security/security-en-US.html app/js/services/productDisplayService.js app/js/controllers/userEditCtrl.js app/partials/userView.html app/js/services/userService.js	
Buyer - Inventory Report		Storefront	“All” option has been added to the Category drop down to support running the Inventory report across all categories. Changed Files: app/partials/reporting/inventoryReport.html	June 21, 2018
Buyer - Product Page		Storefront	Performance improvement for variable products with multiple pages of variants. Only variants from the current page will be retrieved from the API. Changed Files: app/js/services/productDisplayService.js	June 21, 2018
Buyer - Admin/Identify User		Storefront	Resolution to the issue of a temp user submitting an order (No Created By on order) for 2.0 sites with a guest check out user set. Changed Files: app/js/controllers/userEditCtrl.js app/partials/userView.html app/js/services/userService.js	June 21, 2018
Concerned About Security		1.0 & Storefront	The link to the Four51 Privacy Policy has been added to the Concerned About Security page on the 1.0 and 2.0 buyer interface.	June 21, 2018

			Changed Files: app/partials/Security/security-en-US.html	
Terms & Conditions		1.0 & Storefront	The link to the Four51 Privacy Policy has been added to the Terms & Conditions page across 1.0 and 2.0 sites. Changed Files: app/partials/Conditions/conditions-en-US.html	June 21, 2018
Spending Accounts - Approval		Storefront	The issue related to Spending Accounts that are not a Payment Method and that require approval when exceeding the balance has been resolved.	April 5, 2018
Generate Credit Card Token XML		Storefront	A new element cXMLPayloadID containing the corresponding order's payload id has been added to the Generate Credit Card Token XML.	April 5, 2018
Buyer - Custom Order Fields		2.0 API	Support for Orders Fields with explicit option assignment enabled has been added to Storefront 2.0. Only assigned order field options will appear in the order field drop down.	February 22, 2018
Affected Files			app/css/bootstrap-451.css app/js/controllers/userEditCtrl.js app/lib/oc/ordercloud-specforms.js app/partials/controls/login.html app/partials/reporting/orderHistoryDetailsView.html app/partials/categoryList.html app/partials/productListView.html	December 19, 2017
Buyer - Account Page	x	Storefront	The error message when creating a buyer user with a username that is already in use informs the user to choose a different username. Changed Files:	December 19, 2017

			app/js/controllers/userEditCtrl.js	
Buyer - Spec Forms	x	Storefront	2.0 - OC Spec Form directives - Improvements related to calendar masks when there is no spec value. Changed Files: app/lib/oc/ordercloud-specforms.js	December 19, 2017
Buyer - Category	x	Storefront	2.0 Category View - Product List - The category description is included. Changed Files: app/css/bootstrap-451.css app/partials/categoryList.html app/partials/productListView.html	December 19, 2017
Buyer - Checkout	x	Storefront	2.0 Order History Page - Company name appears in the shipping and billing address area. Changed Files: app/partials/reporting/orderHistoryDetailsView.html	December 19, 2017
Punchout - Inbound		Admin	Punchout Carts are saved for historical purposes.	December 19, 2017
Punchout - Outbound		Admin	Repeat Order functionality is supported in outbound punchout.	December 19, 2017
Punchout - Outbound		Admin	Inspect sessions are supported in outbound punchouts on the Order View Page within 1.0 and 2.0 buyer sites.	December 19, 2017
Punchout - Outbound		Admin	Edit sessions are supported in outbound punchouts during the Edit Order For Approval process on 2.0 buyer sites.	December 19, 2017
Buyer - Login Page	x	Storefront	Autocomplete has been disabled on the password field on the Login page.	December 19, 2017

			Changed Files: app/partials/controls/login.html	
Punchout - Outbound		Admin	Edit sessions are supported in outbound punchouts during the Edit Order For Approval process on 1.0 buyer sites.	November 2, 2017
Product Clone - Accommodate Variant List Order		Admin	Variant list order is preserved when products are cloned.	November 2, 2017
Report - Spending Account Transaction Report		Admin	Performance improvement when running the Spending Account Transaction Report.	November 2, 2017
Affected Files			This release did not impact the Storefront repository.	August 24, 2017
Security	x	Infrastructure	As a requirement for PCI compliance, TLS version 1.0 and 1.1 are no longer supported.	August 24, 2017
Punchout - Outbound		Admin	Characters can be removed from the left or right side of the value in a punchout setup request.	August 24, 2017
Punchout - Outbound		Admin	Dynamic fields for Buyer Interop ID, Buyer DUNS, User Interop ID, User Phone, and Unit of Measure are supported.	August 24, 2017
Punchout - Outbound		Admin	Edit and Inspect sessions are supported.	August 24, 2017
Affected Files			app/js/controllers/userEditCtrl.js app/js/controllers/lineItemEditCtrl.js app/js/services/XLATTables.js	June 29, 2017
Buyer - Checkout	x	Storefront	Clarified verbiage when sending order "notification to others".	June 29, 2017

			Changed Files: app/js/services/XLATTables.js	
Buyer - Order	x	Storefront	Orders are no longer submitted as a temp user (No Submitting User) under certain conditions when a password reset occurs during the checkout process. Changed Files: app/js/controllers/userEditCtrl.js	June 29, 2017
Buyer Site Offline		Solutions Library	A solution has been added to the Custom Solution Library to easily take a site offline for seasonality or maintenance.	June 29, 2017
Product View Page	x	Storefront	Preview image is updated after an edit to an existing variant that is on an order. Changed Files: app/js/controllers/lineItemEditCtrl.js	June 29, 2017
UPS Shipping		1.0 & Storefront	Integration URL for rate service is updated.	June 29, 2017
Affected Files			app/js/services/productDisplayService.js	March 7, 2017
Buyer - Product Display	x	Storefront	The product displays correctly for products that have static variants. Changed Files: app/js/services/productDisplayService.js	March 7, 2017
Affected Files			app/js/controllers/userEditCtrl.js app/js/services/productDisplayService.js app/js/services/userService.js	March 2, 2017

Admin - Company Properties		Admin	The admin company logo and timezone can be updated when clicking on Admin from the top navigation.	March 2, 2017
Admin - Learning Center		Admin	The Learning Center has an updated interface.	March 2, 2017
Admin - Permissions		Admin	An admin user can be given permission to to configure Mpower FTP access.	March 2, 2017
Admin - Product Report		Admin	API Interop ID is available in the product report.	March 2, 2017
Buyer - Order	x	Storefront	A user that entered the application as a guest checkout user is correctly authenticated as their profiled user after resetting their password and logging on. The "FromUserID" is correctly set and the First/Last Name of the submitting user appears on a submitted order. Changed Files: app/js/controllers/userEditCtrl.js app/js/services/userService.js	March 2, 2017
Buyer - Product Display	x	Storefront	A variable item with price markups in variable specs correctly displays the total when attempting to re-order an existing variant. Changed Files: app/js/services/productDisplayService.js	March 2, 2017
PDF Page Count		1.0/2.0 API	PDF page count is available to regular file spec properties after upload.	March 2, 2017
Punchout Support		Solutions Library	A solution has been added to Custom Solution Library to support inbound (new window) punchouts to Four51 Storefront.	March 2, 2017

Supplier - Web Services		Supplier	Management of web services, including order request settings is available in the supplier interface.	March 2, 2017
Affected Files			app/favicon.ico app/index.html app/js/directives/ordersummary.js app/partials/checkOutView.html	December 2016
Admin - Custom Application URL		Admin	The default domain name when creating a new Custom 2.0 Application URL is YourSiteName.Four51Storefront.com. New and existing sites named YourSiteName.Four51OrderCloud.com continue to be supported.	December 2016
Buyer - Favorite Icon	x	Storefront	A Four51 branded favorite icon has been added Storefront repository. Changed Files: app/favicon.ico app/index.html	December 2016
Buyer - Checkout	x	Storefront	Buyers that provide an errant Card Identification Number when paying by credit card receive a properly formatted error message. Changed Files: app/partials/checkOutView.html	December 2016
Buyer - Checkout	x	Storefront	Credit card field values are retained when a promotion code is applied and the payment method is credit card. Changed Files: app/js/directives/ordersummary.js	December 2016

Buyer - Punchout		Admin	For setup requests and order requests that fail to be received by Four51, an alert email can be sent for issue notification per buyer company.	December 2016
Forgotten Password		General	For the Forgotten Password emails, the sort order for the list of users will begin with admin users and then buyer users.	December 2016
Affected Files			app/index.html app/js/controllers/checkOutViewCtrl.js app/js/services/productDisplayService.js app/js/services/userService.js app/partials/checkOutView.html app/partials/controls/login.html app/partials/controls/orderBilling.html app/partials/copyrightView.html	November 2016
Admin - Advanced Scripting		Admin	Admin users with the Modify and Create Admin Users permission can assign the Advanced spec form scripting permission to other Admin users.	November 2016
Admin - Batch Upload		Admin	Subscribers to the Batch Upload Service are able to have Admin users with the Modify and Create Admin Users permission assign the Batch Upload permission to other Admin users.	November 2016
Admin - Git File Deployment		Admin	Admin users with the Modify and Create Admin Users permission can assign the Git File Deployment permission to other Admin users.	November 2016
Admin - Line Item and Order Reports		Admin	The Order and Line Item Reports on the admin interface includes the last three years of data when selecting specific Company report filters. Selecting company ALL includes all order data.	November 2016

Admin - Public Repositories		General	The following repositories are now available for use and general knowledge: https://github.com/Four51/Four51Storefront https://github.com/Four51/Four51StorefrontWiki/wiki https://github.com/Four51/CustomSolutions	November 2016
Branding		1.0 / Storefront	Text and images within the application reflect a Four51 branding change from OrderCloud to Storefront. Changed Files: app/index.html app/partials/controls/login.html app/partials/copyrightView.html	November 2016
Buyer - Checkout Behavior	x	Storefront	Buyer users that have the Edit First/Last Name on Pre-Configured Billing Addresses permission and a \$0.00 item in the cart are able to complete checkout. Changed Files: app/partials/checkOutView.html	November 2016
Buyer - Product List	x	Storefront	Console errors will no longer occur on the Product List page when the user is not defined. Changed Files: app/js/services/productDisplayService.js	November 2016
Buyer - Quick Address Search	x	Storefront	Integrated with Google Places, Quick Address Search displays automatic address suggestions. Changed Files: app/index.html	November 2016

General Help		General	A new Slack channel has been created for community discussion (Four51 experts, partners and customers) on how to use Four51 Storefront. Look for the Storefront on Slack link in the left nav of the Knowledge base to join the discussion.	November 2016
Messaging - Auto Email	x	Storefront	The default shipping account number is now populating on the Checkout Page and included in the order notification email. Changed Files: app/js/controllers/checkOutViewCtrl.js	November 2016
Security		Infrastructure	As a vulnerability precaution, the RC4 cipher suite has been disabled on Four51 servers.	November 2016
User Service	x	Storefront	Console errors in the User service when the buyer company does not have a PO ID Mask are resolved. Changed Files: app/js/services/userService.js	November 2016
Affected Files		Storefront	app/css/bootstrap-451.css app/js/controllers/orderSearchCtrl.js app/js/controllers/reportCtrl.js app/js/services/productDisplayService.js app/partials/orderSearchView.html app/partials/reporting/reportView.html app/partials/reporting/lineItemHistoryGridView.html	July 2016
Buyer - Order Administration	x	Storefront	Order View Page - The View/Download PDF button is now appearing for variable products on orders awaiting approval.	July 2016

			Changed Files: app/partials/reporting/lineItemHistoryGridView.html	
Buyer - Order Search and Reports	x	Storefront	Order Search and Reports - The code to make the columns sortable has been removed and will be further reviewed. Changed Files: app/css/bootstrap-451.css app/js/controllers/orderSearchCtrl.js app/js/controllers/reportCtrl.js app/partials/orderSearchView.html app/partials/reporting/reportView.html	July 2016
Products - Variants	x	Storefront	Variable Specs - Variable specs with add to order functionality are now only appearing on the Variant Detail page when the "Display Add to Order Variable Specs on Product Details page" setting is not enabled. Changed Files: app/js/services/productDisplayService.js	July 2016
Admin - Activating New Admin Users		Admin	As part of SOC 2 security compliance, when a new Admin/Distributor user is created they will receive an email prompting verification of their account and a link to set their password before they can access Four51.	July 2016
Admin - Four51 Updated Terms and Conditions		Admin	All Admin/Distributor users will be prompted to read and accept the updated Terms and Conditions upon initial log in following the release.	July 2016
Affected Files		Storefront	app/css/bootstrap-451.css	June 2016

			app/js/controllers/approvalInputCtrl.js app/js/controllers/approvalInputCtrl.js app/js/controllers/checkOutViewCtrl.js app/js/controllers/orderHistoryViewCtrl.js app/js/controllers/orderSearchCtrl.js app/js/controllers/productCtrl.js app/js/controllers/reportCtrl.js app/js/directives/alertShow.js app/js/directives/customfilefield.js app/js/directives/customtextfield.js app/js/routing.js app/js/services/productDisplayService.js app/partials/checkOutView.html app/partials/controls/approvalInput.html app/partials/controls/checkoutButtons.html app/partials/controls/customTextField.html app/partials/controls/fileUpload.html app/partials/controls/fileUpload.html app/partials/controls/shortProductViewGallery.html app/partials/controls/shortProductViewInline.html app/partials/controls/shortProductViewMinimal.html app/partials/orderSearchView.html app/partials/reporting/lineItemHistoryGridView.html app/partials/reporting/reportView.html app/partials/userView.html lib/oc/ordercloud-specforms.js	
Buyer - Checkout Behavior	x	Storefront	Checkout Page - Warning Bar - "Please select..." text related to order fields is now appearing Changed Files: app/partials/checkOutView.html	June 2016

Buyer - Reporting	x	Storefront	Order Search & Reports - Results can now be sorted using the sort icon in the column headers Changed Files: app/css/bootstrap-451.css app/js/controllers/orderSearchCtrl.js app/js/controllers/reportCtrl.js app/partials/orderSearchView.html app/partials/reporting/reportView.html	June 2016
Admin - XML Administration - Search		1.0	The performance of the "Xml Web Services Administration" search has been improved	June 2016
2.0 API - Line Item		2.0 API	The URL to Line Item Production PDF and Proof PDF are now available for submitted orders	June 2016
Buyer - Checkout Behavior	x	Storefront	Order Submit - The "Submit" button will be disabled after the first click to prevent the user from clicking on the button multiple times Changed Files: app/js/controllers/approvalInputCtrl.js app/js/controllers/checkOutViewCtrl.js app/partials/controls/approvalInput.html app/partials/controls/checkoutButtons.html	June 2016
Buyer - Checkout Behavior	x	Storefront	Order Validate - ValidateAddToOrder - The issue with the XML request including duplicate line items after a "fail" response has been resolved Changed Files: app/js/controllers/productCtrl.js	June 2016

Buyer - Order Administration	x	Storefront	Order Receipt - The Production PDF is now accessible for products that have the "Buyer downloads production job" setting enabled Changed Files: app/css/bootstrap-451.css app/partials/reporting/lineItemHistoryGridView.html	June 2016
Buyer - Order Administration	x	Storefront	Order Receipt - View PDF icon now points to the historical Line Item PDF instead of the Variant level PDF Changed Files: app/partials/reporting/lineItemHistoryGridView.html app/js/controllers/orderHistoryViewCtrl.js app/partials/controls/fileUpload.html	June 2016
Buyer - Site Access	x	Storefront	Identify User Page - The message related to the user's password not passing the security level is now appearing correctly Changed Files: app/partials/userView.html	June 2016
Buyer - Custom Messages	x	Storefront	The "Order Acknowledgement" Custom Message is now displaying after the user submits an order when they are using Google Chrome Changed Files: app/js/controllers/checkOutViewCtrl.js app/js/controllers/orderHistoryViewCtrl.js app/js/routing.js	June 2016
Buyer - Checkout Behavior	x	Storefront	Cart page - The warning message now displays to the	June 2016

			user if the gift card/coupon they try to use does not exist and the Bootstrap Carousel custom solution is used on the 2.0 site Changed Files: app/js/directives/alertShow.js	
Buyer - Product Detail	x	Storefront	Product Detail Page - The kit items for kit products are now displaying on all of the various custom product views/layouts Changed Files: app/partials/controls/shortProductViewGallery.html app/partials/controls/shortProductViewInline.html app/partials/controls/shortProductViewMinimal.html	June 2016
Products - Spec Form	x	Storefront	Spec Form - CustomTextField and OCSpecForms - New optional parameter "autotrim" was added to support forcing line to wrap prior to suffix if there is a space at end of spec value Changed Files: app/partials/controls/customTextField.html app/partials/controls/fileUpload.html app/js/directives/customfilefield.js app/js/directives/customtextfield.js lib/oc/ordercloud-specforms.js	June 2016
Buyer - Product Detail	x	Storefront	Product Detail Page - Clicking on a variant on page 2 and beyond now appropriately routes the user to the Variant Detail page Changed Files:	June 2016

			app/js/services/productDisplayService.js	
Affected Files		Storefront	app/index.html app/js/app.js app/js/controllers/navCtrl.js app/js/controllers/specFormCtrl.js app/js/controllers/userEditCtrl.js app/js/controllers/userEditCtrl.js app/js/directives/match.js app/js/directives/ordershipping.js app/js/directives/ordershipping.js app/js/services/orderConfigService.js app/js/services/orderService.js app/js/services/orderService.js app/js/services/productService.js app/js/services/productService.js app/js/services/productService.js app/lib/oc/ordercloud-specforms.js app/partials/branding.html app/partials/checkOutView.html app/partials/controls/addressInput.html app/partials/controls/login.html app/partials/controls/orderBilling.html app/partials/controls/orderDetails.html app/partials/controls/staticspecs.html app/partials/controls/staticspecs.html app/partials/controls/staticspecs.html app/partials/Security/security-en-US.html app/partials/Security/security-es-MX.html app/partials/userView.html Product Detail Template Catalog	March 2016

			Image Right Accordion View Image Right Tabbed View Image Right View One Column Accordion View One Column Tabbed View One Column View Tabbed View Three Column Accordion View Three Column Tabbed View Three Column View	
Addresses	x	Storefront	When a buyer user attempts to ship to multiple addresses, selecting a Shipping Address or Shipping Method for any line item will no longer revert the UI back to Single Address input. Changed Files: app/js/services/orderService.js	March 2016
Addresses	x	Storefront	State is no longer required for non US address. Changed Files: app/partials/controls/addressInput.html	March 2016
Addresses	x	Storefront	Edit Ship First/Last Name Editable - Only gets applied to first line item on order. Changed Files: app/js/directives/ordershipping.js	March 2016
Branding	x	Storefront	Clicking the company logo as a buyer user results in an unnecessary page refresh. (store.clear)	March 2016

			Changed Files: app/js/controllers/navCtrl.js app/partials/branding.html	
Checkout	x	Storefront	Error Messages Are Blank for Edit First and Last Name for Billing. Changed Files: app/partials/checkOutView.html app/partials/controls/orderBilling.html	March 2016
File Spec Type	x	Storefront	Default file not getting set as spec value for a variable spec with a spec type of file. Changed Files: app/js/services/productService.js	March 2016
Multiple Shipping	x	Storefront	Line items that do not have a Shipper Name or Shipper ID produce a console error. Changed Files: app/js/directives/ordershipping.js	March 2016
OC Spec Forms	x	Storefront	Additional Spec Form Directives have been added to the OrderCloud Storefront Application. Changed Files: app/index.html app/js/app.js app/lib/oc/ordercloud-specforms.js	March 2016
Order Details	x	Storefront	Cost center label does not display when zero cost centers	March 2016

			have been assigned. Changed Files: app/js/services/orderConfigService.js app/partials/controls/orderDetails.html	
Password Reset	x	Storefront	Reset password is supported if it expires or no longer meets security requirements. Changed Files: app/partials/controls/login.html	March 2016
Product Detail UI	x	Storefront	The Specifications section no longer appears when the value for "Visible to Customer" is false, and there are not other specs that have "Visible to Customer" set to true. Changed Files: app/js/services/productService.js app/partials/controls/staticspecs.html	March 2016
Product Detail UI	x	Storefront	The Specifications (Static Spec Groups) Panel is hidden when all specs are configured with "Visible to Customer" set to false. Changed Files: app/js/services/productService.js app/partials/controls/staticspecs.html	March 2016
Product Detail Template	x	Storefront	Usability updates for specific views. Changed Files: Image Right Accordion View	March 2016

			Image Right Tabbed View Image Right View One Column Accordion View One Column Tabbed View One Column View Tabbed View Three Column Accordion View Three Column Tabbed View Three Column View	
Project File Uploads			PNG files are supported for Pageflex Project uploads.	March 2016
Security	x	Storefront	Updated verbiage in the Site Security paragraph. Changed Files: app/partials/Security/security-en-US.html app/partials/Security/security-es-MX.html	March 2016
Site Access	x	Storefront	Navigating to Identify User/Logon Page from Link Builder Link fails to load page. Changed Files: app/js/controllers/userEditCtrl.js	March 2016
Site Access	x	Storefront	A user attempting to login from the Identify User / Logon Page /Admin view is now prompted to change their password when it no longer matches the Password Security level set for the Company. Changed Files: app/js/controllers/userEditCtrl.js	March 2016

			app/js/directives/match.js app/partials/userView.html	
Spending Accounts	x	Storefront	When using a spending account as a payment method, the balance does not calculate correctly when Account Type is configured for a value less than 100 for the Max Percentage of Order Payable From Account. Changed Files: app/js/services/orderService.js	March 2016
Static Specs	x	Storefront	Specifications table now displays within the product variant view. Changed Files: app/partials/controls/staticspecs.html	March 2016
Variable Specs	x	Storefront	The default value for a variable spec displays "Null" when the default value for the spec is a Custom User Field without a value. Changed Files: app/js/controllers/specFormCtrl.js	March 2016
Fixed Footer	x	Solutions Library	Affix stationary content at the bottom of your site. The fixed footer creates an area that is locked in place making the content always visible to your users.	January 2016
Hamburger Navigation w/ Sub Categories	x	Solutions Library	For sites with complex category hierarchies, this Hamburger Navigation expands categories cleanly from a mobile view, and minimizes the expanded navigation once a selection is clicked open.	January 2016

Featured Items	x	Solutions Library	Add a section on your site to highlight products, deals, and discounts using the Featured Items solution.	December 2015
Hamburger Navigation	x	Solutions Library	Use the Hamburger Navigation module to place the common three-barred icon in your top navigation when viewing on a mobile device. When users click on the Hamburger icon, a full menu of the items in the top navigation will appear below the Hamburger.	December 2015
Product - Variable Specs			The value in the "Label" field for a variable spec is now copied when products are cloned.	December 2015
Security	x		All URL's for the application are now HTTPS. References to files that reside in Four51 theme directories that use http:\\ have been replaced in the database with https:\\. Action may be required for Administrators to use relative or HTTPS links to avoid mixed content errors. Learn more about Mixed Content here .	December 2015
Security			The security protocol for user passwords has been upgraded from MD5 to SHA-256 hash.	December 2015
Help			An admin or supplier user is able to click on Help\Find Answers to view the Customer Success site which provides General Information, Application Knowledge, and Case Submission and History.	October 2015
Themes		Storefront	The Themes tab has been removed from Custom 2.0 applications while additional development occurs on a solution that goes beyond changes to the style sheet.	October 2015
Modal Window	x	Solutions Library	A modal window (dialog box) can be implemented to force a user to interact with it before they can go back to using the application.	October 2015

Affected Files		Storefront	js/controllers/approvalInputCtrl.js js/controllers/navCtrl.js partials/controls/customCheckBoxField.html partials/controls/customDateField.html partials/controls/customPhoneField.html partials/controls/customTextField.html partials/controls/customTimeField.html partials/controls/fileUpload.html partials/controls/nav.html partials/controls/orderBilling.html	July 2015
Add to Cart - From Product List Page	x	Solutions Library	A user is able to add a product to the cart directly from the Product List view in addition to the Product Detail view.	July 2015
Billing Address Display	x	Storefront	The billing address is displayed on the order billing page with a comma between the city and the state. Changed Files: partials/controls/orderBilling.html	July 2015
Cart Icon	x	Storefront	After an order requiring approval is submitted, the shopping cart icon no longer persists in Internet Explorer. Changed Files: js/controllers/navCtrl.js partials/controls/nav.html	July 2015
Cost Centers			Large lists of cost centers are visible from the group level.	July 2015
Custom Applications			Deleting an App Code Folder\Repository removes it from the Application dropdown for Custom 2.0 Applications Properties.	July 2015

Custom Field Display	x	Storefront	All custom field directives have a ng-class for "required". Changed Files: partials/controls/customCheckBoxField.html partials/controls/customDateField.html partials/controls/customPhoneField.html partials/controls/customTextField.html partials/controls/customTimeField.html	July 2015
Delete User Variants	x	Storefront	Users with "View Product Variants For All Buyer Users" permission enabled are able to delete variants created by other users. Changed Files: partials/controls/fileUpload.html	July 2015
Promotion Report - Coupon			The "Coupon Status" report available from "Promotion Reports" displays the balance for decrementing coupons.	July 2015
Shipping Address Display	x	Storefront	The shipping address is displayed on the order page below the "Ship To" label for the approving user when an order has been approved. Changed Files: js/controllers/approvalInputCtrl.js	July 2015
User Experience - Carousel	x	Solutions Library	Use the bootstrap carousel module to cycle through images and content to drive attention to sales, promotions, announcements, products, etc., from anywhere in a site.	July 2015
Add to Cart - Mutiple Variants at Once	x	Solutions Library	A user can generate a list of multiple line items for one product directly from the spec form, and then add the	June 2015

			entire list to the cart.	
Addresses - Search	x	Solutions Library	A user is able to search for a desired address from a large list.	June 2015
Addresses - Same as Shipping	x	Solutions Library	A checkbox can be added to the billing section to use the address that was selected for shipping.	June 2015
Product Display - Matrix	x	Solutions Library	A user is able to add quantities for an item and its variants in a grid format, and then add the items with quantities from the grid to the cart.	June 2015
Product Display - Zoom	x	Solutions Library	A product image can be magnified in its entirety or within a lens that provides a user greater detail into the product image.	June 2015
Application Emails	x	Solutions Library	A library of HTML templates is available for the Auto Emails sent from your OrderCloud application.	May 2015
Site Navigation - Slide Out	x	Solutions Library	Create a navigation item that will initiate a slide out panel.	May 2015
User Identity	x	Solutions Library	Redirect an anonymous user to the user admin page in order to profile themselves at any step within their catalog workflow.	May 2015
Affected Files		Storefront	index.html app/js/services/punchoutService.js (within punchout repo) css/bootstrap-451.css css/less/fourfiveone/lineitem.less css/less/fourfiveone/orders.less js/app.js js/config.js js/controllers/addressListCtrl.js	April 2015

			- js/controllers/cartCtrl.js - js/controllers/checkOutViewCtrl.js - js/controllers/Four51Ctrl.js - js/controllers/lineItemEditCtrl.js - js/controllers/navCtrl.js - js/controllers/orderHistoryViewCtrl.js - js/controllers/productCtrl.js - js/controllers/specFormCtrl.js - js/controllers/userEditCtrl.js - js/directives/addToOrderSpecs.js - js/directives/orderbilling.js - js/directives/orderbuttons.js - js/directives/orderdetails.js - js/directives/ordershipping.js - js/directives/paymentsselection.js - js/routing.js - js/services/analyticsService.js - js/services/googleAnalytics.js - js/services/orderConfigService.js - js/services/orderService.js - js/services/securityService.js - js/services/XLATTables.js - lib/oc/anonRouter.js - lib/store.js - partials/addressListView.html - partials/cartView.html - partials/checkOutView.html - partials/controls/addressInput.html - partials/controls/cartButtons.html - partials/controls/checkoutButtons.html - partials/controls/orderBilling.html - partials/controls/orderDetails.html	
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			partials/controls/orderShipping.html partials/copyrightView.html partials/orderPrintView.html partials/reporting/lineItemHistoryGridView.html partials/reporting/orderHistoryDetailsView.html	
Addresses	x	Storefront	Set Billing and Shipping Address by default when only 1 is available for the user. Changed Files: - js/directives/orderbilling.js - js/directives/ordershipping.js	April 2015
Approval Rules - UI	x	Storefront	Users are able to view updated order status for orders requiring multiple approvals. Changed File: js/services/orderService.js	April 2015
Approval Rules - View Variant	x	Storefront	Approving users have the ability to view the PDF/Preview for any variable line items on an order. Changed Files: - js/controllers/cartCtrl.js - js/controllers/orderHistoryViewCtrl.js - partials/cartView.html	April 2015
Approval Rules - Edit Variant from Cart	x	Storefront	The ability exists for a user or approving user to edit a variable text product from the cart. Changed Files: - js/controllers/lineItemEditCtrl.js - js/controllers/specFormCtrl.js	April 2015

			- js/routing.js - partials/cartView.html	
Browser Compatibility	x	Storefront	1). Private browsing mode for the Safari browser is supported. Changed File: - lib/store.js 2). User's entering a site with a browser IE9 or older will be notified that their browser is unsupported. Changed File: - index.html	April 2015
Code Editor - File Override Typeahead			Typeahead allows a user to quickly find and enter file paths when creating a new file override.	April 2015
Cost Centers	x	Storefront	1). The ship to address for an order will default to the address assigned to the selected cost center. Changed Files: - js/directives/orderdetails.js - js/directives/ordershipping.js - partials/controls/orderDetails.html 2). The cost center field is displayed when permissions for "Free Form Cost Centers" and "Cost Center Per Order" have been applied and there are no cost centers assigned. Changed File: - partials/controls/orderDetails.html	April 2015

Google Analytics	x	Storefront	Ability to utilize eCommerce Google Analytics in 2.0. Changed Files: • index.html • js/config.js • js/controllers/Four51Ctrl.js • js/controllers/checkOutViewCtrl.js • js/services/analyticsService.js (Removed) • js/services/googleAnalytics.js (New)	April 2015
Help Desk	x	Solutions Library	Instruction for how to add AnswerDash, which is a software as a service used to provide Help Desk functionality on a website in the form of Question and Answers. When your customer proposes a new question, your answer is captured and added to the Q&A library to help every future customer.	April 2015
Logout	x	Storefront	Users logged into buyer sites with link builder links are able to complete logout with one click. Changed Files: • js/services/securityService.js	April 2015
Navigation - Continue Shopping	x	Storefront	The "Continue Shopping" button is configurable and customizable via the admin interface for 2.0 Buyer Sites. Changed Files: • index.html • js/directives/orderbuttons.js (New) • partials/cartView.html • partials/checkOutView.html • partials/controls/cartButtons.html (New) • partials/controls/checkoutButtons.html (New)	April 2015

Product Display - Lightbox	x	Solutions Library	A gallery of images is available for a user to see multiple images for static and variable products.	April 2015
Powered by Four51	x	Storefront	The link behind the "Powered by Four51" message instructs the user on how to get help. Changed File: partials/copyrightView.html	April 2015
Product Search Input	x	Solutions Library	A search icon or search bar can be added in the top navigation of a site so that the ability to search is always available, regardless of what page the user is on.	April 2015
Project File Upload			Project files that contain scripts can be uploaded via FTP. Scripts within a project file will be ignored.	April 2015
Punchout			Procurement systems like Ariba are able to receive a base64 encoded Four51 order message.	April 2015
Shipping Rates	x	Storefront	Shipping costs are displayed by the shipper name in the selection drop down during checkout when the site is configured to use live rates. Changed File: partials/controls/orderShipping.html	April 2015
Site Access - Anonymous\Guest	x	Storefront	Anonymous users and Guest checkout are supported. Anonymous users are prompted to self-profile during checkout. Guest checkout allows a temporary user to checkout. Changed Files: - index.html - js/app.js	April 2015

			• js/controllers/Four51Ctrl.js • js/controllers/cartCtrl.js • js/controllers/userEditCtrl.js • lib/oc/anonRouter.js (New) • js/controllers/checkOutViewCtrl.js	
Site Navigation - Back to Top	x	Solutions Library	Add a dynamically appearing arrow button to the bottom right of your responsive buyer site that will return the user to the top of the page when clicked.	April 2015
Spec Form	x	Storefront	Editing a product detail spec form and switching to another product loads the new product detail spec form. Changed File: • js/directives/addToOrderSpecs.js	April 2015
Zero Price Orders	x	Storefront	Users are not required to select a payment method when their order total is zero and the "Bill for Zero Price" permission is not applied. Changed Files: • js/directives/paymentsselection.js • js/services/orderConfigService.js • js/services/orderService.js • partials/checkOutView.html • partials/controls/orderBilling.html • partials/orderPrintView.html • partials/reporting/orderHistoryDetailsView.html	April 2015
Affected Files			index.html css/bootstrap-451.css css/less/fourfiveone/navs.less	February 2015

			- js/controllers/addressInputCtrl.js - js/controllers/addressListCtrl.js - js/controllers/cartCtrl.js - js/controllers/checkOutViewCtrl.js - js/controllers/Four51Ctrl.js - js/controllers/kitCtrl.js - js/controllers/loginCtrl.js - js/controllers/messageListCtrl.js - js/controllers/messageViewCtrl.js - js/controllers/productCtrl.js - js/controllers/userEditCtrl.js - js/directives/addToOrderSpecs.js - js/directives/creditcard.js - js/directives/customselectionfield.js - js/routing.js - js/services/analyticsService.js - js/services/kitService.js - js/services/messageListService.js - js/services/orderService.js - js/services/productDisplayService.js - js/services/productService.js - js/services/variantService.js - js/services/XLATService.js - partials/addressListView.html - partials/cartView.html - partials/categoryView.html - partials/controls/accountNav.html - partials/controls/addressInput.html - partials/controls/creditCard.html - partials/controls/loadingIndicator.html - partials/controls/nav.html - partials/controls/orderDetails.html	
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			partials/controls/orderShipping.html partials/controls/shortProductView.html partials/favoriteOrderListView.html partials/kitView.html partials/messageListView.html partials/Messages/billing.html partials/Messages/contactus.html partials/Messages/home.html partials/Messages/identifyUser.html partials/Messages/orderAcknowledgement.html partials/Messages/orderConfirmation.html partials/Messages/shipping.html partials/Messages/viewCart.html partials/messageView.html partials/orderPrintView.html partials/reporting/orderHistoryView.html partials/userView.html	
Product/Cart Kits			Ability to use Kits in 2.0.	February 2015
Spec Form			List out all the variable specs in the spec form by default.	February 2015
2.0 Punchout			Level 2 Punchout Functionality is now available in 2.0.	February 2015
Admin/1.0			Turn off 1.0 for all new buyers.	February 2015
XLAT Service			Now displaying "0 Values" within the application.	February 2015
Admin/User Navigation			Allow navigation directly to the user information page.	February 2015
Credit Card			Allow the use of the current year when validating the credit card information.	February 2015
Logon			After you reset your password and log off, the reset	February 2015

			button will no longer be visible.	
Category View Design			Improved design in category view.	February 2015
Custom Messages			Remove extra spacing on custom message partials.	February 2015
Address List Search			Address list search is now functioning correctly.	February 2015
Messages Feature			Functionality improvement around the messages feature.	February 2015
Spec Form/Variable Specs			"Other" value no longer displays blank field unless the permission is checked in admin interface.	February 2015
Order ID			Add Order ID to the 'PrintView' PDF after order submit.	February 2015
Anonymous User/Order			Hide "Favorites" field when signed in anonymously.	February 2015
Account Nav			Improved design and responsiveness of account navigation.	February 2015
Checkout/Shipping			The ship method icon is hidden if no shippers are assigned.	February 2015
SpecForms/mpower Variants			Allow for Line Breaks in text areas to render in pageflex preview.	February 2015
Address List View			Improved design on the address list view on mobile.	February 2015
Account/Address List View			Disable delete button if there are no existing addresses.	February 2015
Responsive Navigation			Allow access to the other options in the admin tab if you don't have View Self Admin permission.	February 2015
Order Details			Cost center label is hidden when no cost center is assigned.	February 2015

Order Details			Display auto id text when Allow Auto Gen POID is not selected.	February 2015
Gift Card/Promotional Spending Account			Updated design around the spending account/split-billing feature.	February 2015
Order Submission			Unknown character fix for credit card transactions.	February 2015
Variable Product			Data-source based on Group or Username fixed.	February 2015
Affected Files			• js/controllers/userEditCtrl.js • js/interceptors.js • js/services/userService.js • partials/userView.html • partials/searchView.html • js/controllers/loginCtrl.js • js/services/productDisplayService.js • js/controllers/four51Ctrl.js	December 2014
Anonymous User Password Reset			Anonymous users will now have the ability to reset their password.	December 2014
Anonymous User Log-In Save			In this release we fixed a bug that was causing issues with new accounts created as an anonymous user. You are now able to log-in as these new accounts that you create.	December 2014
Google Analytics Access for Anonymous Users			We made an update to allow anonymous users to use Google Analytics.	December 2014
Ship Weight API Functionality			The ship weight API property was not functioning properly. This was fixed for this release.	December 2014
Outbound Punchout 2.0			In this release we fixed a bug that was affecting Outbound punchout 2.0.	December 2014

Tax Amounts			There was an error with displaying large tax amounts before a shipping address was selected. It was corrected for this release.	December 2014
Variant Search Box			The variant search box should only appear for products with variants. With this release, the search box will not display when no variants exist.	December 2014
Search Result Improvement			In this release we fixed a bug that was inhibiting valid search results from returning after searching for an incorrect result.	December 2014
Email Validation			Four51 supports the ability for a buyer-user to have multiple email addresses assigned to their username in the user email address field. In this release we fixed a bug that was preventing this feature from performing as designed.	November 2014
Google Analytics Tracking			Four51 supports Google Analytics Tracking. In this release we fixed a bug that was preventing some site traffic data from being collected. For more information on Google Analytics see the Knowledgebase Article Click here to see the Knowledgebase Article on Google Analytics	November 2014
Localization			German has been added to the list of supported languages.	October 2014
Currency			The ability to have a company/group/user view the site in all points-based currency is now available at no charge. Please submit a case or contact your Account Representative to have it enabled for your account.	October 2014
Proof/Production Jobs			When saving proof and production jobs on Four51, the Variant ID will now be the default in the Save File As box	October 2014

			instead of a long alpha-numeric string.	
Forgotten Password Email			If you are using a custom logon page, you are now able to limit the users that appear in the Forgotten Password email to just the users in your specific buyer company. You would add a new paramter, "cid", with the unique company identifier. The identifier can be found on the Logon Page Configuration page in the left navigation under a buyer company. Example: cid=b1110557-13ac-49fc-a932-6b6d4db595bc	October 2014
Variants			PNG files are now supported.	October 2014
OrderCloud 2.0 New Supported Features			• Inbound and Outbound Punchout • Advanced Reporting • Edit Order for Approval • Multiple Shopping Carts • Ship Tracking Links in Order History • Replenishment Orders	October 2014
Rebranded Logon Page			The standard Four51 logon page (http://www.four51.com/ui/logon.aspx) has been updated to reflect Four51's new OrderCloud-centric branding. The basic layout and functionality of this page is unchanged.	June 2014
OrderCloud 2.0 Admin User Permission			If the Admin Environment is enabled for OrderCloud 2.0, all Admin users who currently have the Create and Modify Admin Users permission will now have access to a new permission: OrderCloud 2.0. This permission allows users to create and manage OrderCloud 2.0 apps, and it will be enabled by default. Admin users with the Create and Modify Admin Users permission can enable the OrderCloud 2.0 permission for	June 2014

			a coworker without also having to enable the Create and Modify Admin Users permission.	
Web Services			A new optional element named APIInteropID has been added to the web services noted below: • Product – SaveProducts • Product – SaveVariants If no value is specified for APIInteropID or if the entire element is excluded, then a random string will be set for the API Interop ID field for that product.	June 2014
Buyer Interface Scripting			Four51 user details like Username, First Name, Last Name, Email, Phone, InteropID, CompanyInteropID, User Type, User Last Logon date, User Groups, Group InteropID, Approval Groups, Custom User Field Name, and Custom User Field Value are accesible on the buyer interface via Javascript (JSON).	November 2013
Coupon Admin			An "Active" column has been added to the coupon assignment page to indicate whether a user is active or inactive when assigning a coupon to the user.	November 2013
External Site Access - Link Builder			A column has been added to include the URL to use for the configured link.	November 2013
Project File Upload Utility			A new method has been added to upload Pageflex project files via FTP. The existing project file upload utility will continue to be supported but cannot work when a user's device contains Microsoft .NET version 4.5 or later. Because Windows 8 requires .NET 4.5 existing workarounds fail requiring the user to upload using FTP.	November 2013

Site Logging			Logging now includes when a product is deleted and by which user.	November 2013
Approval Process			A new permission has been added that allows a user to approve/decline any order from their buyer company they have access to view. Permission: Approve All Orders.	October 2013
Auto Email			When a buyer user places an order, the admin user is notified via email that the new order is received. Prior to this release, this email was being sent from the buyer user's email address. Modern spam filters will often reject this message because the spam filter is able to detect that the message was actually being sent from Four51.com and NOT the buyer user's email. If the admin user were to reply to the message, it would be addressed to the buyer user's email address. To prevent spam filters from blocking the New Order Received messages, the email will be sent fromDoNotReply@Four51.com. An admin user can change the "From Email" address from DoNotReply@Four51.com to another address by customizing the New Order Received Auto Email. Changing this value may cause this message to become undeliverable. If the ReplyTo Email value is blank, it will continue to be populated with the buyer user's email address. If the recipient of the message prefers to see who the order is coming from without opening the message, the Subject section of the Auto Email could be modified to something like: You have a new order [[OrderID]] from [[Email]].	October 2013

Browser Support			Internet Explorer 10.0 is a supported browser.	October 2013
Coupons			A coupon can be configured to be applied per quantity on an order.	October 2013
Infrastructure			Upgrades to the infrastructure include a Dell EqualLogic SAN upgrade, Windows Server 2012 R2, SQL 2012 R2, VMware 5.1, and annual PCI certification. Click here to obtain the updated Four51 Technology Guide.	October 2013
Product Admin			The Product Interop ID input box has been extended on the Product Properties page to improve on screen display for longer values.	October 2013
Product List			The [[Price]] and [[PriceSchedule]] tokens will now display on the Product List page in all situations, not just when the product can be ordered from the Product List page. NOTE: This affects existing buyer sites that utilize these tokens on the Product List page.	October 2013
Shipping			Four51 switched from using a third party shipping rates provider (Aivea) to creating a direct integration with UPS. Negotiated Rates are now accurately returned when setting up UPS shipping with a customer owned account number.	October 2013
Site Customization			The jQuery library made available for site developers to script against has been updated from version 1.3.2 to 1.9.1. jQuery Migrate was implemented to help with the transition. jQuery Migrate will display errors/warnings in the console of the browser and let the page function normally when it comes across most changed/deprecated functions. NOTE: This affects any area of an existing buyer site that has been customized with additional	October 2013

			scripting.	
Text Editor			The toolbar used in the admin and buyer interfaces to create web content has been updated to CKEditor. This WYSIWYG HTML editor is cross browser compatible and includes a spell checker. NOTE: This affects existing buyer sites that utilize the toolbar and the FormatSpecValueFromToolbar document action.	October 2013
Web Services			Orders can be filtered out when using the Order Pull web service, because the Pull Status is now set to Canceled when the order has been canceled.	October 2013
Punchout/Infrastructure			Due to the upgrade to Windows Server 2012 R2, a new SSL certificate will be issued for the four51.com domain. Please contact Four51 Support to receive the new SSL certificate. NOTE: This will affect all systems that have installed the Four51 SSL certificate on their servers.	October 2013
Web Services			Improved Web Services include: • User – Save ◦ FirstName, LastName, and Email are now required fields. ◦ If the element is missing, then the field will not be updated: FirstName, LastName, Password, Email ◦ Email format validation is now present on the Email field.	October 2013
Shipping			Customer owned UPS or FedEx account numbers can be used to obtain discount shipping rates when using the Actual Rate shipping functionality. If you choose not to use your own rates, Four51 will use the LIST rates for	May 2013

			these shippers. A UPS or FedEx developer account will need to be created and tied to the UPS/FedEx account to utilize this new feature. WARNING: Certain FedEx rates will be increasing after the release if you are using the FedEx Actual Rate shipping functionality. Click Here to find out more information and how to setup a developer account.	
Themes			New admin and supplier themes have been created to increase the usability of these interfaces.	May 2013
Web Services			New Web Services include: • User – ListByCompany • Pass in a Buyer Interop ID to obtain user properties. • User – GenerateUserInteropIDs • If you call this web service, all users without an interop id will have one automatically set.	May 2013
Approval Process			Changes include: • The approving user name has been added to the order approval grid. • A new auto email is available that will notify the group of approvers when someone within the group has taken action on the approval.	February 2013
Product List			Category sort by price accommodates multiple price schedule assignments.	February 2013
Test Environment			Four51 provides a test environment that exists separately from the production/live environment. The test database is refreshed nightly with data from production, while the	February 2013

			test files (project files, themes, images) have been refreshed weekly on Monday evenings. With this release, the test files will also be refreshed nightly. Read article 314103 to learn more about the Test Environment.	
Web Services			New Web Services include: • Product – GenerateMissingVariantInteropIDs • Pass in a Product Interop ID and all variants that don't have an interop id will have one automatically set. • Product – GenerateMissingInteropIDs • If you call this web service, all products without an interop id will have one automatically set under the entire admin/seller account. • Product – SearchVariantsByProduct • Pass in one to many Product Interop IDs and the variant data will be returned for each product. • Product – DeleteCategoryAssignments • Allows the ability to delete product to category assignments. • Product – SaveCategoryAssignments • Allows the ability to assign products to categories. • Category – Delete • Allows the ability to delete categories. • Category – GenerateMissingCategoryInteropIDs • Pass in a Buyer Company Interop ID and all categories under that buyer company that do not have an interop id set will have one automatically set. • Category – ListCategoryByCompany	February 2013

			• Pass in a Buyer Company Interop ID and the category data for all categories under that buyer company will be returned. • Category – Save • Allows the ability to save or update categories. • Party – AssignPartyToCategory • Allows the ability to assign a company/group/user to a category. • Login - Identify User Page • Custom login from the Identify User page to control users logging in. • Improved Web Services include: • Product – Save ○ InteropID, Product ID, Product Name, and Quantity Multiplier are now required fields for new products. ○ If the element is missing, field will not be updated: Product ID, Product Name, Quantity Multiplier, StandardOrders, ReplenishmentOrders, PriceRequests ○ Now validates that at least one order type is present for new products. (will return error Must support one order type): StandardOrders, ReplenishmentOrders, PriceRequests ○ Image elements - If the SmallImage/LargeImage elements are present, but the filename and file elements are missing, then the file is removed appropriately (on production, there would be an unhandled error).	
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			- Product – SavePriceSchedules - If the element is missing, field will not be updated: RestrictedQuantitySelection, UseCumulativeQuantity, ApplyShipping, ApplySalesTax, PriceBreaks - Product – SaveVariants - If the NewInteropID element is present and blank, the InteropID will no longer get updated to blank.	
Approval Process			Approval rules can be setup to be triggered on submission, on approval, or both submission and approval. Read article 278339 to learn more.	September 2012
Themes			The Four51 library of themes has been standardized on six styles: combo, combo2, lefthand, lefthand2, overhead and overhead2. Each style will be available in one of twenty colors: Aquamarine, Baby Blue, Black and White, Blue, Brown, Dark Khaki, Forest Green, Green, Lavender, Light Pink, Mustard, Orange, Pink, Purple, Red, Salmon, Sandy Brown, Tan, Teal and Yellow. Click here to preview the themes and learn more. ***Buyer users may notice a difference if one of these themes is set for the buyer company.	September 2012
Company and Category Images			.png is a supported file type for companyand category images.	September 2012
Custom Auto Email			A tag for Shipment Cost has been added as an option to the list of auto email tags. This field corresponds to the Cost field on the Shipment page of an order.	September 2012
Image Rendering			Admin users are able to view the Preview, Proof, and	September 2012

			Production jobs from the Variant\Edit page on the admin interface instead of needing to logon to the buyer interface.	
Auto Profile Logon (SSO)			Parameters have been added to assign users to groups and to synch user\group assignments.	September 2012
Web Service - Incoming Punchout			Punchout supports user\group assignments, and synching user\group assignments. Let us know if you would like to add this configuration to your existing punchouts.	September 2012
Reporting			A text box has been added to category, cost center, and ship address to the report filters on a Line Item report to provide an alternative method for filtering in the case where load options produces an unusable result set.	September 2012
Facebook Like			Functionality is updated to allow for Facebook Like button to appear on the Product View page. Click here to learn more.	August 2012
Image Plug-in			Allows a rotating banner on a site Home Page or Product detail template. To learn more, read the KB article entitled Image Plug-in - Slides .	August 2012
Custom Auto Email			Changes include: - PlacedBy token is available in Auto Emails for a New Buyer Order/CSR functionality. - Support for different date formats with Auto Emails that have an email format of html	August 2012
Approval Process			Variants cannot be deleted when they are on an order awaiting approval.	June 2012
Facebook Like			Facebook meta tags are added to the Product Detail page	June 2012

			to enable the scripting of Facebook Like functionality.	
Localization			Changes include: • Parisian French is a supported language and culture. • An additional optional parameter has been added to the Auto Profile Logon (SSO) functionality, logon form posts, and direct logon links to set the language for a user.	June 2012
Payment Methods			Changes include: • Ability to save a credit card when encryption is enabled. • When a new spending account is created, the current date will be the default value for the "Start Date".	June 2012
Punchout - Outbound			Ability to handle URL encoded Punchout Order Message documents.	June 2012
USADATA Lists			A new Canadian Consumer list is available for purchase through the USADATA service.	June 2012
Web Services			Groups and user assignment can be managed via web services.	June 2012
Buyer Interface Usability			Changes include: • Shipping address filter on Order Search page. • Products included in a specified category of an approval rule will appear in the grid on the Order View page.	December 2011

			• A user is notified when products are unavailable on a repeat order and is then allowed to complete the order	
Buyer Interface Scripting			Four51 order details like Product ID, Product Name, and Spec Name\Value are accessible on the buyer interface via Javascript (JSON). Additional information can be found in the article entitled Advanced Scripting - Four51 OrderDetails Object .	December 2011
Web Service - Incoming			Ability for the saved credit card feature to be used with Order Validate web service.	December 2011
Web Service - Outgoing			Changes include: • IP address of a buyer user added to Order Validate. • IP address of a buyer user added to Order Request.	December 2011