



What's New In Version 2.91.5.0

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The January 2019 release of DemandTools version 2.91.5.0 provides to end users two frequently requested feature enhancements, security enhancements, and two bug fixes. Users are required to download and install the upgraded version to receive these free updates.

The following enhancements are included in this release:

- [MassImpact Feature: International Phone Standardization formula](#)
- [EmailConnect Enhancement: Ability to schedule saved scenarios with JobBuilder](#)
- [Security Enhancements](#)
- [Bug Fixes for the Reassign Ownership and MassImpact Modules](#)

MassImpact Feature

Data standards are a necessity to overall data quality and MassImpact provides a multitude of ways to manipulate and standardize your Salesforce data en masse. Sales and marketing initiatives and ease of use applications like CTI/click to dial integrations depend on a standard to work effectively. With that in mind and with your valuable feedback, we created another way to standardize data with a few clicks.

An **International Phone Standardization formula** is now available, expanding the out-of-the-box formula options to 60!

The IntlPhoneFix function takes existing phone numbers and converts them into the E.164 format.

- E.164 numbers are formatted [+][country code][subscriber number including area code] and will remove a leading 0 and spaces.
- We also leverage Google's OpenSource libphonenumber API to support this capability.

In the MassImpact module, users will see the formula listed as IntlPhoneFix(PhoneField, CountryField). Once the phone field and country field are supplied to the formula, a plus sign and the country code are appended to the existing phone number. The formula also supports formula nesting to allow for more powerful, and end user-specific, standardization.

- Due to the numerous functions available, a search feature has been added to the "Insert Function" button in MassImpact to easily jump to a specific function instead of scrolling through the list of options.

EmailConnect Enhancement

Automation is key in a data quality strategy - all tried and true processes should evolve to being fully automated. This not only frees up valuable time for your system administrator, it ensures that nothing slips through the cracks or gets lost in the shuffle of daily tasks. Something as pivotal and simple as email verification - well, simple with Validity Connect - should be an automation no-brainer. And, now it is. EmailConnect can now be added to your arsenal of automated data quality routines with scheduling via JobBuilder!

Security Enhancements

A sound data governance policy ensures proper security is applied to your data and the applications that interact with it. Your IT and data governance teams will be happy to know that we also take security seriously and took quick action after a recent Veracode security scan revealed three security flaws within our code base categorized as having “very high” impact. While this code was not called by the application at any point, it would introduce risk if exposed. These vulnerabilities have been resolved in this release.

- All three issues were attributed to OS Command Injection. These vulnerabilities occur when data enters an application from an untrusted source and is used to dynamically construct and execute a system command.

Additional security upgrades were implemented in this release for user authentication by moving from AES to Triple DES encryption, providing a stronger encryption strategy throughout the application. User information passed between DemandTools and the Validity entitlement system is now encrypted with Triple DES.

Bug Fixes

Bugs happen, and we like nothing more than to be the exterminator when we find them. Two bugs have been fixed in this release.

Bug 1.

Module affected: Reassign Ownership, Use Record IDs From File tab

Issue: Unexpected error on the second time selecting a file, e.g., clicking the select file button

Bug 2.

Module affected: MassImpact

Issue: “Object reference not set to an instance of an object” error when clearing fields in the results grid

For more detailed information on these enhancements, please review our DemandTools Version 2.91.5.0 Release Notes on the [Product Downloads page](#).