



Infor Staffing Optimizer for Healthcare Release Notes

Release 4.1.1.0

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About this guide

This document describes the bug fixes in the Staffing Optimizer for Healthcare Version 4.1.1.0 patch release.

Related documents

Product documentation is available on www.inforxtreme.com.

- *Infor Staffing Optimizer for Healthcare Hardware and Software Recommendations*
- *Infor Staffing Optimizer for Healthcare Administration Guide*
- *Infor Staffing Optimizer for Healthcare User Guide*
- *Infor Staffing Optimizer for Healthcare HL7 Interface Guide*
- *Infor Staffing Optimizer for Healthcare Available Hours Interface*
- *Infor Staffing Optimizer for Healthcare Installation Guide*

Contacting Infor

If you have questions about Infor products, go to the Infor Xtreme portal.

If we update this document after the product release, we will post the new version on this website. We recommend that you check this website periodically for updated information.

If you have comments about Infor documentation, contact documentation@infor.com.

Chapter 1: New Functionality and Enhancements

Bed Proximity and Continuity of Care Feature for Assignments

Incident Internal / ICW-2903

The application now contains functionality to give the hospital control at the unit level to set preferences for Continuity of Care or Proximity. This aides in the automated assignments functionality by proactively using and learning from the hospital's own historical assignment data of room and caregiver assignments when making patient assignments for a given unit and shift.

Create Smart Algorithm Adjusts for Continuity of Care or Proximity Preferences

Incident Internal / ICW-3303

Adjustments were made to the assignment algorithm, which formerly only considered the balancing of the patient workload, giving it the ability to be more aware of user driven preferences of having assignments based more on room proximity or continuity of care while still balancing for optimal patient workload.

Database Schema and Data Changes

Incident Internal / ICW-3364 & ICW-3365

Changes were made to the data structure behind the scenes to allow for the new data handling and user preference requirements for the algorithm to function as needed.

Assignments: Warn User on no Continuity of Care Assignment

Incident Internal / ICW-3387

If an assignment is made where two patients are assigned to a caregiver and there is a break in the continuity of care detected by the algorithm, the user will be warned with a color change on the caregiver, patient(s) and room assignment icons. The unacceptable assignments will appear in **YELLOW**.

Assignments: Warn User on Unacceptable Proximity Assignment

Incident Internal / ICW-3392

If an assignment is made where two patient rooms are assigned to a caregiver and those rooms are deemed to be too far away by the algorithm, the user will be warned with a color change on the caregiver, patient(s) and room assignments. The unacceptable assignments will appear in **RED**.

Assignments: Display Assignment Statistics

Incident Internal / ICW-3388

An assignment statistics display was created and nested underneath the Caregiver Assignments in the Assignments Module to enable Managers and Project Administrators to see at a glance how optimally the algorithm is performing.

Assignments: Continuity of Care Lookback Period

Incident Internal / ICW-3435

In order to keep the algorithm performing efficiently and effectively, a configurable lookback period setting was made for the algorithm to use when running the Continuity of Care calculation when making assignments. The default value is 14 calendar days and can be configured by the hospital.

Assignments: Incompatibly Assignment flag

Incident Internal / ICW-3459

The value of Incompatible was added to the Patient Assignment History log for any time where an assignment is changed due to patient or staff request. The default value for the algorithm to consider and exclude patient assignments containing the Incompatible flag is 14 calendar days and can be configured by the hospital.

Administration: Security – Bed Proximity

Incident Internal / ICW-3305

A new security profile was created with Full Access, Read Only or No Access settings for the new Administration - Bed Proximity page.

Administration: Units – Beds – Sort Order

Incident Internal / ICW-3294

The Units – Bed administration page was given drag and drop sort order capabilities. Currently, this page populates via the ADT feed in the order the bed is received into the application. For proper administration of the new bed proximity feature, the user needs to ability to place the beds into a proximity order.

Administration: Units – Bed Proximity

Incident Internal / ICW-3301

A new Bed Proximity page was created for the user to set the desired proximities between a Unit's rooms/beds. This tool is a grid matrix and is populated in the order of the room/beds set on the Units – Beds page.

The user will select the Location/Division/Unit for which they will enter proximity values of Efficient, Acceptable and Unacceptable. These values are color coded for a quick and easy visual reference. The assignments algorithm uses these proximity values when making its assignment decisions.

Administration: Units - Tuning Page

Incident Internal / ICW-3385

A tuning page was created which will allow the user to set the desired values for Proximity versus Continuity of Care preferences. The user will be able to navigate and retrieve data at varying degrees of detail and run statistics for Proximity, Continuity of Care, Workload values, etc. The user will be able to adjust their preference and see real time how those adjustments will affect caregiver assignments.

Administration: Instrument Time Set Defaults

Incident Internal / ICW-3478

The default grace period for making changes to a new Instrument Time set was amended to 30 calendar days.

Administration: Added Export Functionality on User Account Page

Incident Internal / ICW-3267

The Administration – Users – Accounts page now contains export functionality so the User may download the User Account data.

Administration: Instrument Time Sets – Indirect Worksheets

Incident Internal / ICW-2688

An enhancement was made to the new Instrument Time set creation to prompt the user to attach the Indirect Care Worksheet.

Assignments: Page Layout Enhancements

Incident Internal / ICW-2781

Changes were made to the presentation of the Caregiver Assignments pane in the Assignments module in preparation for adding further functionality for Team/Sitter assignments (coming in 4.1.2.0). The Relief activity is now located directly under the Primary Caregiver, and the Team Caregivers are located between the Primary Caregiver and Patient columns.

Assignments: Team Caregiver to Patient sub-assignment

Incident Internal / ICW-3370

Additional assignment functionality was extended to the Team Caregiver to allow for a direct Team Caregiver to patient assignment within the overall Primary Caregiver assignments.

Assignments: Add Select All Checkbox to Automated Caregiver Assignments

Incident Internal / ICW-3412

A Select All checkbox was added to the automated caregiver assignments pop up box to make selecting caregivers for patients' assignments more convenient.

Assignments: Enhancements to Errors and Notifications

Incident Internal / ICW-3281

Changes were made to the user feedback in assignments to better express errors that occur and notifications to the user to make the user experience clearer.

Reports: User Permissions Data Removed from 810 Report

Incident Internal / ICW-3288

The User Permissions data was removed from the Managerial 810 report due to poor performance when attempting to generate the report.

Integration: Enhancements to the ISOH/WFM Integration Service

Incident Internal / ICW-3264

Several updates were made which enhances the integration service and data sharing between Staffing Optimizer and Workforce Management. The detailed import process logging and exception handling were rewritten to streamline the data sharing. An update was made to the Census and Patient Count which improves upon the count calculations. Any changes in shared data are sent hourly, ensuring a more accurate snapshot between the two applications.

Chapter 2: Bug Fixes

Administration: Read Only Page Behavior

Incident Internal / ICW-3333

Several of the Administration pages were behaved inconsistently when being viewed with Read Only security rights. The affected pages were corrected and now function properly.

Administration: Instrument Time Sets

Incident Internal / ICW-3355

Several of the areas in Instrument Time sets were behaving incorrectly or inconsistently. These issues were corrected and all sub menu areas are now functioning as expected.

Utilities: MistroClef Utility fixes

Incident Internal / ICW-3411

There were some issues discovered with the MistroClef utility, which is used to sanitize and delete data, where the utility was not working as expected. Some code was changed and the utility debugged. It is now working as expected.

Administration: Instrument Intervention Ordering

Incident Internal / ICW-3352

When a user was trying to attach and reorder interventions in the Instrument Time Set – Attach and Order Intervention page, the user was able to navigate away from the page without saving their changes and without being presented with a warning. The user will now be notified when there are changes that need to be saved prior to leaving to page.

Administration: Instrument Time Set – General Settings

Incident Internal / ICW-3354

When a user changed any data in the Instrument Time Set – General Settings page, the user was able to navigate away from the page without saving their changes and without being presented with a warning. The user will now be notified when there are changes that need to be saved prior to leaving to page.

Administration: Instrument Time Set Menu

Incident Internal / ICW-2836

There was a typo in the Instrument Time Set submenu item Attach and Order Interventions. This has been corrected.

Administration: Unit Time Sets - Indirect Analysis Displaying Incorrectly

Incident Internal / ICW-3363

There is an Active display toggle found in Administration: Unit Instruments - Indirect Analysis. When the checkbox for displaying the Indirect Analysis is not checked, the Indirect Analysis was still visible on the Score Workload screen. This has been corrected.

Administration: New Instrument Intervention Unable to be Used

Incident Internal / ICW-3285

When a new Intervention was created in the Intervention Library, that intervention was unable to be attached to an Instrument Time Set. This has been corrected.