



Spira 4.8.12.11 Release Notes



Contents

Contents.....	1
1 What's New	2
1.1 New Features.....	2
1.2 Bug Fixes	3
1.3 Known Issues.....	4
2 Installation Instructions	4
3 Upgrade Instructions.....	5
3.1 Requirements	5
3.2 Instructions	6

View the latest release notes at

<https://spiradatacorp.clientsection.com/>

<http://s3.amazonaws.com/SpiraReleaseNotes/index.htm>



1 What's New

Spira 4.8.12.x includes many new screens and features which improve the existing application and provide users with some exciting new functionality. In addition to the many visible features, Spira has committed to improved general functionality of the application to improve the user experience.

- 4.8.12.3 : a new install version
- 4.8.12.6 : additional backwards compatibility with 4.8.11.27 mobile units
- 4.8.12.11 : Additional Fixes

Please see the 4.8.12.6 Release Notes for specific changes from 4.8.11.27 to 4.8.12.6.

Below are the detailed specific changes and improvements that have been made to areas of the Spira application and plug-in interfaces. The adjoining numbers, for reference purposes, are *feature requests*, *bugs* and *known issues* in our bug tracking system.

1.1 New Features

1.1.1 Corporate

-

1.1.2 Mobile

-

1.1.3 Command

- 7122 : 'Save Grid Layout' saves settings in the config file based on Spira User login. This allows users in centralized Application servers (Terminal Server, Citrix, VDI, etc) to customize their layout.

1.1.4 Plug-ins

-



1.2 Bug Fixes

1.2.1 Corporate

-

1.2.2 Mobile

-

1.2.3 Command

- 7061 : 4.8.12.3 [Offline Store] 'Publish' uses 'internal messaging' connection. Command has been fixed in 4.8.12.6 to use the 'external connection'. This issue should only affect Spira Hosted customers (or customers with customized configurations) where 'Internal' Server IP/Name is different than 'External'
- 7090 : [JobView] Fix Job Address Locations validation criteria to allow it to save.
- 7081 : [Payroll] Allow items on a non-posted ticket with individually posted items in a Ticket to be retrievable for Payroll. Removed ticket state criteria check where ticket state = posted.

1.2.4 Plug-Ins

- CL 22855 : Plugin extension to Spira Command to allow plugins to open Jobs on command.



1.3 Known Issues

1.3.1 Corporate

- 5528 : 4.8.12.x Corporate Server : Cannot support legacy 4.6 and 4.7 mobile communication.

1.3.2 Command

- 7041 : Spira Command that publishes an Offline Store is be tracked in t_QueueName. They will show on the Dispatch Queue Name screens. Users must NOT name these units for dispatch
- [Dispatch] 'View/Edit Queues' will crash if a unit has not been assigned a FingerPrintID (GUID)
- 6815 : Division code masking doesn't work the FIRST time you edit on the view. All subsequent edits honor the masking.
- 7068 : [Form Template] must have a valid 'until' date set for it to be usable on a Job.

1.3.3 Mobile

- 6904 : [Ticket Type] "multiple job type" feature an under development placeholder
- 4890 : [Spira.Express.Client] must be restarted after loading first offline store
- 6940 : [Spira Express Client] Finger Print Id is updated only on client startup
- 6877 : [Mobile] 4.8.11.27 mobile units will not be able to receive an Offline Store from 4.8.12.3 systems due to new serialization and compression.

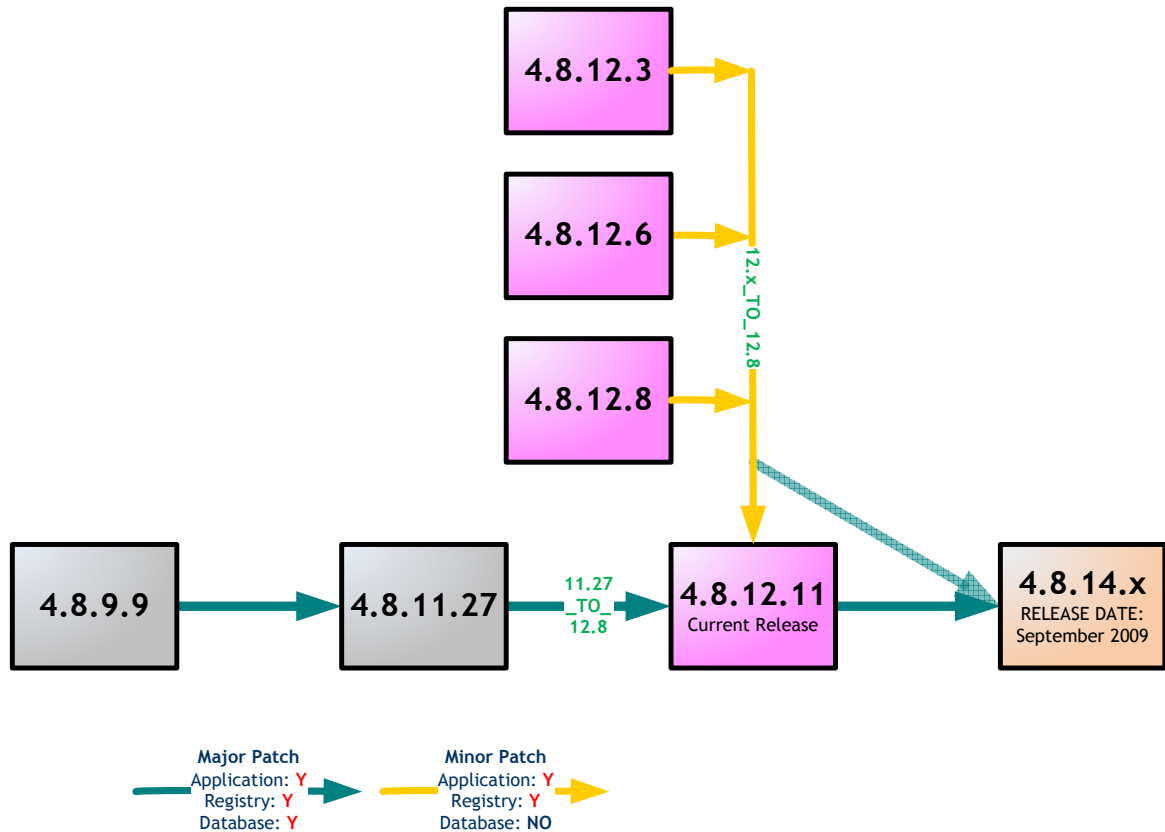
2 Installation Instructions

Please Refer to *Installation and Configuration Guide* Or *The Help Manual* bundled on the CD/ISO



3 Upgrade Instructions

3.1 Requirements



- You may upgrade to 4.8.12.11 from
 - **11.27_TO_12.11**
 - 4.8.11.27
 - **12.x_TO_12.11**
 - 4.8.12.3 or 4.8.12.6 or 4.8.12.8
- This section will outline upgrading a complete System with the following components:
 1. Corporate
 2. Command
 3. Mobile



3.2 Instructions

3.2.1 Corporate

Corporate Server upgrade is manual and requires system knowledge. This guide will instruct you to upgrade the default corporate installation with all default installation directories and Databases.

Installation Directory: *C:\Program Files\Spira Data Corp\Spira*
Application Database: *Spira*
Messaging Database: *SpiraMessaging*

You must use OPTION2 where specified if you are running a multi-division configuration, *\Spira_Training + \Spira_Production*. Each step must be repeated for each of the above components.

Installation Directory: *C:\Program Files\Spira Data Corp\Spira_Training*
C:\Program Files\Spira Data Corp\Spira_Production

Upgrading your Corporate system involves patching:

- Application files
- Database(s)

Pre-Upgrade

1. Turn off Spira Services at services.msc
 - a. *Spira Message Queuing*
 - b. *Spira Message Processor*
2. Backup your databases:
 - a. *Spira*
 - b. *SpiraMessaging*

Steps

Obtain Corporate Upgrade Package

1. Download *12.11-Update-Corporate.zip*
<https://s3.amazonaws.com/Spira.4.8.12/12.11-Update-Corporate.zip>
2. Extract *12.11-Update-Corporate.zip* to a temporary location, ie. *C:\SOURCE\12.11-update-Corporate*
It will contain folders & files:
 - a. \1 APP
 - b. \2 SQL
 - c. Spira 4.8.12.x Release Notes.pdf (this file)

Patch Corporate Application files

Default *\Spira*

1. Locate your *\Spira* instance, *C:\Program Files\Spira Data Corp\Spira*
2. Copy
 - a. FROM *C:\SOURCE\12.11-update-Corporate\1 APP\Corporate481211.exe*
 - b. TO *C:\Program Files\Spira Data Corp\Spira*
3. Execute *Corporate481211.exe*

IF you are running a Multi-Division configuration on one server:

1. Copy Files
 - a. FROM *C:\SOURCE\12.11-update-Corporate\1 APP\OptionB-SpiraMultiCorporate*.**
 - b. TO *C:\Program Files\Spira Data Corp\Spira_Training*
 - c. And TO: *C:\Program Files\Spira Data Corp\Spira_Production*

Cleanup Processors.zip

12.x no longer uses the .ZIP processors. These may be deleted.

1. Locate *C:\Documents and Settings\All Users\Application Data\Processors*
2. Delete *\Spira* and/or *\Spira_Training*



- a. If you have upgraded all your multi-division instances to 12.x, you may delete the entire `\Processors` folder

Patch Database(s)

Connect to your MS SQL Server using SQL Management Studio (or tool of choice)
12.x_TO_12.11

1. Execute on Application Database, *Spira*
 - o `\2 SQL\12.x_TO_12.11\Patch151-FormTemplateCompatibility.sql`
 - o `\2 SQL\12.x_TO_12.11\ProductVersion.sql`

11.27_TO_12.11

1. Execute on Application Database, *Spira*
 - o `\2 SQL\11.27_TO_12.11\Pre_Patch4811.sql`
 - o `\2 SQL\11.27_TO_12.11\Patch_4811_to_4812.sql`
 - The individual patches included in the above cumulative patch, are included for completeness in sub folder `\PatchXXX_to_YYY` . You may wish to execute each patch individually
 - o `\2 SQL\11.27_TO_12.11\ProductVersion.sql`
2. Execute on Messaging Database, *SpiraMessaging*
 - o `\2 SQL\11.27_TO_12.11\MPatch004-SpiraMessagingV2Upgrade.sql`

Restart Messaging Services:

- Spira Message Processor
- Spira Message Queuing



3.2.2 Command

- If your command is 4.8.11.27 or older, you must upgrade to 4.8.11.27 first before attempting to proceed
 - Please see Spira 4.8.11.27 Release Notes for more information
- If your system uses a **TourSheet plugin**, please ensure you obtain the correct NEW plugin and replace at *C:\Documents and Settings\All Users\Application Data\Spira Data Corp\Plugins*

Pre-Requirements

- Your command is 4.8.11.27 OR newer
 - The token loaded on your Command matches the version it is, ie 4.8.11.27
 - You did NOT load a 4.8.12.11 (new) token into your 4.8.11.27 (OLD) Application
- Corporate had been upgraded to 4.8.12.11
 - Database patches have been applied
 - ProductVersion.sql has been applied (t_productVersion has 4.8.12.11)

Steps

1. Startup Command
2. (depends on system) Application Database Chooser: pick the DB that corresponds to the correct system
3. Command checks the Corporate Application Database, \Spira, to determine if it is required to update by comparing t_ProductVersion to your Command's registry version
4. *Spira.Client.Updater* will startup,
 1. Click 'Retry' to begin upgrade process
5. Follow on screen instructions
You are now upgraded to 4.8.12.11
6. Restart Spira Command
7. Login

Send Update for Mobile Units: This step should only be completed ONCE.

1. Startup Command
2. Open Setup > Company
3. "Unlock URL"
4. Type in the Spira provided URL for mobile patch
 1. Each customer may have a customized patch to facilitate upgrades of specific components. Please contact your Spira Representative for additional information before you "Send Update"
 2. The generic Spira Mobile update URL is:
 1. **12.x_TO_12.11**
http://s3.amazonaws.com/Spira.4.8.12/12.x_TO_12.11-Update-Mobile.zip
 2. **11.27_TO_12.11**
http://s3.amazonaws.com/Spira.4.8.12/11.27_TO_12.11-Update-Mobile.zip
 3. if your mobile units sit behind a proxy/firewall with restricted DNS, you may download the Spira provided mobile patch, 48126patch-Mobile.zip, to a server of your choice
5. "Verify URL" to ensure that the is correct and accessible
6. "Send Update"
 1. The URL is inserted into the Application Database, Spira, in the table, t_ApplicationUpdate
 2. t_ApplicationMobileUpdates tracks which mobile units have received the update.

3.2.3 Mobile

Pre-Requirements



- Corporate has been upgraded to **4.8.12.11**
- Corporate has run *ProductVersion.sql*
- "Send Update" has been dispatched from Command

Steps:

1. Startup Spira Express Client
2. "Connect Now" / Request Offline Store
You will be notified that your Application will upgrade on next startup
3. Run Start > Program Files > Spira Data Corp > Spira Mobile
4. You will be notified to exit:
 1. Spira Mobile and
 2. Spira Express Client
5. Exit Spira Express Client : right-click the tray icon, 'Close/Exit'
6. Click 'Retry' to begin upgrade process
7. Follow on screen instructions
You are now upgraded to 4.8.12.11
8. Restart Spira.Express.Client + Spira Mobile

COMPLETE