

Process, Power and Marine Division

SPI 2009 Roadmap update

Houston LTUF

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Today's presentation



- SmartPlant Instrumentation v.2007 (v.8)
 - 2007 SP6
 - 2007 SP7
- SPI v.7
- SmartPlant Instrumentation v.2009 (v.9)
- 2009 Sp1 and next major release
- Intergraph 2009 conference

Current status - V.2007 SP6

- Released January 26, 2009
 - Integration: (publish PDF files generation)
 - Integration & DDP: instrument dimensions published in mm or in
 - Integration: Retrieve and publish process data w/o process case defined
 - Specs & Browsers: Cross-form specification browsers
 - KKS: Component classification code is not mandatory

SPI v.2007 - continued



- Calibration: 7 Fluke interface enhancements (single point instruments, create history archive during upload of the results, automatically create test equipment, support RTD types and more)
- DCS interfaces: Default channel attribute (DeltaV)
- CAD Loops: Support AutoCAD 2008 (also in v.7 and v.2009)
- I18N/L10N: Updated French translation
- Need to pay attention to the Open items in the README, especially for O/O domain type users
- Latest Hot fix HF3 (to be released shortly)

v.2007SP7, v.7 SP10 and Hot Fixes



- V.7 SP10 planned for Q1 2010 (tentatively)
 - Hot fixes roll-up
 - Last SP for v.7
 - Will release HF's on as needed evaluation per specific project/client requests
- V.2007 SP7 planned for early 2010 (tentatively) and will include only roll-up of hot fixes issued for 2007 SP6.

Hot Fixes



- Effective February 25, 2009 latest HF's for v.2007 SP3 and later will be immediately available for all customer



Current Hot Fixes:

SmartPlant Instrumentation 2007_SP6_HotFix2

[SmartPlant Instrumentation 2007_SP6_HotFix2 Zip File \[227 MBB\]](#) posted: 09 March 2009

[Review the Readme: SmartPlant Instrumentation SPI2007SP6HF2_Readme Text File\[1.16 KB\]](#) posted: 09 March 2009

SmartPlant Instrumentation SPI_2007_SP5_HotFix14

[SmartPlant Instrumentation SPI_2007_SP5_HotFix14 Zip File \[272 MB\]](#) posted: 22 April 2009

[Review the Readme: SmartPlant Instrumentation SPI2007SP5HF14_Readme Text File\[6.75 KB\]](#) posted: 22 April 2009

SmartPlant Instrumentation SPI_2007_SP4_HotFix11

[SmartPlant Instrumentation SPI_2007_SP4_HotFix11 Zip File\[193 MB\]](#) posted: 25 February 2009

[Review the Readme: SmartPlant Instrumentation SPI2007SP4HF11_Readme Text File\[3.42 KB\]](#) posted: 25 February 2009

SmartPlant Instrumentation SPI_2007_SP3_HotFix05

[SmartPlant Instrumentation SPI_2007_SP3_HotFix05 Zip File\[15.5 MB\]](#) posted: 25 February 2009

[Review the Readme: SmartPlant Instrumentation SPI2007SP3HF5_Readme Text File\[3.38 KB\]](#) posted: 25 February 2009

3. Only the latest available Hot Fix setup for a specific version is posted on this page. If you need an older Hot Fi

Plans for 2009



- Release target date – end of October 2009.
- Emphasis is on upgrade and enhancing user experience compared vs. 2007
- Noticeable items:
 - Allow adding to the line piping data
 - Publish Fieldbus tags works correctly (also in 2007 SP6 HF2)
 - Allow selecting flow conditions (@flow, @standard, @normal) for instrument and DCS ranges

Plans for 2009 – continued



- Noticeable items (continued):
 - Enable merging entities from the project to As Build in non-exclusive mode
 - Improve database security and control including improved encryption
 - User defined functions (substrings, left, right, etc) on ESL macros as exists in CAD
 - Rule Manager: Validation of condition or populate data via call to external application
 - Discontinue some obsolete functionality

Plans for 2009 – continued



- Noticeable items (continued):
 - ICC Improvements supporting off-line engineering project execution when host is As Built domain (for initial customer reviews)
 - Change the database type in Oracle to allow better Unicode management; will improve local language storage (Russian, Japanese, etc) and special characters use including UOM's and resolve internationalization issues

Planned discontinued functionality



- Items planned to be discontinued in v.2009:
 - Functional Requirements specifications
 - Old DCS vendor catalogs delivered through IN_CTLOG and enabled in the Admin.
 - Importing from XML files
 - Unused and obsolete Telecom reports and supporting tables
 - Support for MicroStation 95 and PowerDraft
 - Prepare the source file in the Import module
 - Spare parts table from supplied database (functionality discontinued in v.7)
 - Remove DCS Card with plug in Reference Explorer

- V.2009 SP1 is planned for end of Q1 2010 and will include both CR's and TR's:
 - Reduce number of outstanding customer TR's
 - Optional (instead of mandatory) obtain revision from SPF when operating in the integrated environment
 - Retrieve PIDControlFunction from SPPID into SPI as Soft tags
 - Retrieve upstream line association for relief valve from SPPID in integrated environment
 - Several ESL enhancements (assign layout to loop access rights, scale drawing, save block location in the Hook-up layout, custom loop generation improvements: Off-line Page connector reference to other loops, sequencing of terminals, interactive update of the custom symbols, split terminal strip)
 - Re-work of the NE-100 interface
 - Add Unit level folders for cables and panels

Next major release



- Tentative planned release date – H2 2011
- Is in early planning stages to include:
 - Continued emphasis on reducing outstanding issues
 - Business (integration, new instrumentation technology)
 - SPI technology and infrastructure
 - Customer input (LTUF's)

Next major release considered features



- Support wireless technology
- Control and logic diagrams
- Support ISO-5167-2003 for flow-meter sizing
- Allow enabling and disabling user login into domain for maintenance
- Integration with third-party (PAS, DCS vendors, Fluke, NE-100, etc)
- Common navigation between schematic tools (SPPID, SPI and SPEL)
- Improved support for SmartPlant Engineering Manager
- ... and more items are being considered.

Intergraph 2009 conference



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***Preceded by the SPI Global TUF
meeting in Sunday, June 14, 2009***

SPEAKERS WELCOME!