

SmartPlant Instrumentation Brainstorming Session

Fluor's SmartPlant
Implementation
Initiative



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Smarter Cable Management



- ◆ Cable management is undergoing some major changes in the new versions of SmartPlant Electrical, Instrumentation and 3D. What direction should cable management be taking?
 - What applications should most Cable Management be done?
 1. SmartPlant Electrical (5%)
 2. SmartPlant Instrumentation (75%)
 3. SmartPlant 3D (10%)
 - From what applications should Cable integration be provided?
 1. SmartPlant Electrical (5%)
 2. SmartPlant Instrumentation (50%)
 3. SmartPlant 3D (5%)
 - To what applications should raceway data be published from SP3D?
 1. SmartPlant Electrical (10%)
 2. SmartPlant Instrumentation (25%)
 3. Both SPI and SPEL (50%)



Smarter Vendor Data Content



- ◆ The handling of Vendor Data and other external documents by SmartPlant is an ongoing issue. What direction should Intergraph take in the management of SPI Vendor Data?
 - What is your preferred method for receiving Vendor data?
 1. Electronic Documents (5%)
 2. Electronic Data (75%)
 3. ISO15926 Compliant Data (5%)
 - What type of Vendor Data should be integrated with SPI?
 1. Sizing & Selection Data (15%)
 2. Dimensional Data (25%)
 3. Certified Vendor Data (25%)
 - What is your preferred source for Vendor Data?
 1. Vendors Standard Delivery Method (1%)
 2. SmartPlant Material or Foundation (5%)
 3. Single Source Provider (Thomas.net) (20%)



Smarter Automation



- ◆ The ability of SPI to introduce a level of Automation to the Engineering and Data management work processes adds value to the software. What SPI Automation functions are important?
 - Besides Integration, What is the most important Automation function?
 1. Speed up Data entry (10%)
 2. Import / Export of Data (25%)
 3. Rule based Data Validation (25%)
 - Does your company use any of the following Rule Managers?
 1. SmartPlant Instrumentation Instrument Type Profile (75%)
 2. SmartPlant Instrumentation Rule Manager (5%)
 3. SmartPlant P&ID Rule Manager (10%)
 - What should Intergraph's focus be for future Automation?
 1. Data Integrity (15%)
 2. Data Integration (25%)
 3. Data Editing and Loading (25%)



Viewing Engineering Data



- ◆ Intergraph has several tools with which to view and report on the Engineering Data – What tools would you like to see enhanced?
 - What format would you like to view engineering data?
 1. Table or Browser Interface View (20%)
 2. Graphical Interface View (10%)
 3. Combination View (50%)
 - What platform would you like to use to view engineering data?
 1. Secure Networked Computer Connections (15%)
 2. Web Based Computer Connections (50%)
 3. Mobile Devices (5%)

(All of the above 90%)
 - What tools do you use to view or report engineering data?
 1. SmartPlant Instrumentation (95%)
 2. Database Query (25%)
 3. Database Export (25%)



Smarter User Interfaces



- ◆ The Editing capabilities of the SPI is important to the user when to use the tool effectively - What are your thoughts about the existing and upcoming Editing Interfaces?
 - What is your preferred User Interface for editing SPI data?
 1. Excel Type Browser (35%)
 2. Dialog Screen (WYSIWYG) (0%)
 3. Query Builder (15%)
 - What should Intergraph's path forward be for SPI User Interfaces?
 1. Explorer Based (5%)
 2. Browser Based (25%)
 3. Common User Interface (25%)
 - What Functions should be part of an Editing SPI User Interface?
 1. Import - Export Tools (5%)
 2. Report Generation (25%)
 3. Management of Change (45%)

