



## **S&P Consultants, Inc.**

### **Automated Version Upgrade Validation (AVUV)**

### **For Your Cerner® Applications**

#### **Our Goal**

- **Create a repeatable, low cost solution for all your Cerner® extensions and upgrades**
- **Reduce your validation time and project resources**
- **Produce higher quality version upgrades**

#### **Our Value**

- **Reduction in version upgrade timeframe from 3-6 months to 4-6 weeks (75% time reduction)**
- **Reduction in the number of testing resources you require by over 90%**
- **Experienced S&P team working with your resources**

#### **S&P's Automated Version Upgrade Validation Service Package Overview**

S&P develops custom scripts that map to your specific functionality and workflow utilizing TestStream Scenario module from Vedant. The ability of S&P to map down to your end users workflow process allows for complete testing of each specific department in your organization. As a result, your version upgrade validation can address enhancements, defect fixes, and standard code issues seen with all your upgrades. You can then modify your custom workflow scripts for hospital extensions and version upgrade changes. This power of automation is standard in S&P Yearly Version Upgrade Validation Service Package.

#### **S&P's Automated Version Upgrade Validation Service Benefits**

- **Reduced operational, testing and deployment costs** accomplished through automation, test management and improved, repeatable processes
- **Managed risk accomplished** through a priority-based approach to application quality and quality control checkpoints which provides a means for locating application errors prior to production
- **Improved efficiency** accomplished through the use of a disciplined managed workflow
- **Improved application cycle time** accomplished through the reuse of test assets from release to release resulting in reduced testing and speed to production
- **Central application of a Health system wide set of quality criteria consistently across all facilities**, bringing dramatic improvements in system performance standardization, patient safety, and management of testing costs and efficiencies
- **Ability to validate application revision releases** according to highly comprehensive and objective safety metrics

#### **Summary**

Leveraging S&P's Automated Version Upgrade Validation Services is financially beneficial but will also assist you to drive improvement to the quality of care delivered to your patients. Some standard Cerner® Version Upgrades can take 3-6 months and require thousand of testing hours to validate regression and functionality testing. All of this testing is required to be documented and provided regulatory agencies.

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