Audit Report

SunGuide® Software System

SunGuide Software Release 6.1 Physical Configuration Audit Report

Version 1.0

September 17, 2014

Prepared for:

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SunGuide Software Release 6.1 – Physical Configuration Audit Report
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The Florida Department of Transportation (FDOT) conducted a Physical Configuration Audit (PCA) at Southwest Research Institute's (SwRI) test facility in San Antonio, Texas on September 16, 2014. SwRI successfully demonstrated readiness for the factory acceptance testing (FAT) to be held next week by passing all of the checklist items in Table 6.1.

This PCA report shows the results of the executed PCA checklist. The PCA checklist is a specific set of items needed for testing SunGuide® software Release 6.1. This checklist references the SunGuide Software Standard Physical Configuration Audit Procedures. The PCA standard procedures is the parent document guiding the PCA process. The PCA standard procedures document can be obtained from the SunGuide software web site at http://sunguidesoftware.com.

SunGuide 6.1 – PCA Checklist

Item	Description	Result
Duplicate config.xml issue resolved	Ensure configuration recommendation is available for SunGuide software deployments so that multiple config.xml files do not have to be maintained.	Pass ☑ Fail ☐
All testing is done against SQL Server and Oracle	Ensure all test cases are repeated for both databases.	Pass ☑ Fail ☐
SunGuide software SQL server check	SunGuide software release 6.1.0.1-FAT build in installed on a system using an SQL server database.	Pass ☑ Fail ☐
SunGuide software Oracle check	SunGuide software version 6.1.0.1-FAT build in installed on a system using an Oracle database.	Pass ☑ Fail ☐
Road weather information system (RWIS) simulator check	RWIS simulator is available and launches and data is visible from both SunGuide software test systems and configured two version 2 devices and two version 3 devices on four different ports.	Pass ☑ Fail ☐
Transportation sensor subsystem (TSS) simulator check	TSS simulator is available and launches, and data is visible from both SunGuide software test systems.	Pass ☑ Fail ☐
Dynamic message sign (DMS) simulator check	DMS simulator is available and launches, and data is visible from both SunGuide software test systems.	Pass ☑ Fail ☐
Closed-circuit television (CCTV) check	CCTV camera with Open Network Video Interface Forum (ONVIF) support is available and accessible from both SunGuide software test systems.	Pass ☑ Fail ☐
Safety barrier simulator check	Safety barrier simulator is available and launches, and data is visible from both SunGuide software test systems.	Pass ☑ Fail ☐
Beacon simulator check	Beacon simulator is available and launches, and data is visible from both SunGuide software test systems.	Pass ☑ Fail ☐
Center-to-center (C2C) components check	Test systems have C2C components installed.	Pass ☑ Fail ☐

Item	Description	Result
Operating system and browser check	Workstation has Windows 7, Internet Explorer 10 or 9, and access to both SunGuide software application servers.	Pass☑ Fail☐
Executive Handler Client check	Executive Handler Client is available and can connect to the Executive Handler Server on all application servers of both SunGuide software test systems.	Pass☑ Fail☐
Status Logger Client check	Status Logger Client is available and can connect to the Status Logger Server used by both SunGuide software test systems.	Pass☑ Fail☐
Click!512 check	Run Software Integration Case Procedures (SICP) sample demonstrating that the Click!512 module is properly configured and can be tested.	Pass☑ Fail☐
Software administration application (SAA) check	SAA is installed and running on both SunGuide software test systems.	Pass☑ Fail☐
Configuration File Editor check	Configuration File Editor is available and can connect to the config.xml used by both SunGuide software test systems.	Pass☑ Fail☐
Beacon management check	Beacon management is installed and running on both SunGuide software test systems.	Pass☑ Fail☐
Nokia check	Nokia system is operational and providing data, and is accessible from both SunGuide software test systems.	Pass☑ Fail☐
ONVIF driver check	ONVIF driver is installed and running on both systems.	Pass☑ Fail☐
Installer check	Installer is available and can be executed on both SunGuide software test systems.	Pass☑ Fail☐
Email server check	Email server used in SICP is operational and will relay emails sent from both SunGuide software test systems.	Pass☑ Fail☐
Bulk insert check	Bulk insert is available and can be executed against both SunGuide software test systems databases.	Pass☑ Fail☐
VideoLAN Client (VLC) check	VLC is installed and available on workstations of both SunGuide software test systems.	Pass☑ Fail☐
Florida highway patrol (FHP) computer-aided dispatch (CAD) simulator check	FHP CAD simulator is operational and providing data to both SunGuide software test systems	Pass☑ Fail☐
BlueTOAD™ check	BlueTOAD system is operational and providing data, and is accessible from both SunGuide software test systems	Pass☑ Fail☐