

T202- Overview of Test Design Specifications, Test Cases and Test Procedures Chat Transcript

Date: October 26, 2011, 2:00-3:45 p.m. ET

Learning Assessment 1: What are some of the benefits of NTCIP Conformance Testing?

Answers:

Ensure interoperability
Make sure device is interoperable
Ensure meeting of requirements

Question: How does the tester verify the camera is zoomed to absolute position, i.e. what does verify mean?

Learning Assessment 2: What Did We Learn Today?

Answers:

1. Test plan
2. TDS
Specifications
test design specifications
3. Inputs
4. Tasks
Steps
5. Methods and activities
Test Cases and Test Procedures
PRL and RTCTM
6. Conformance groups

Q: To be sure I understand, the scope of this deals primarily with conformance testing, not compliance testing. However, on the V diagram, once a device is deployed in the field, is it expected both compliance and conformance testing would be performed?

A: In particular what we are going over is conformance testing that's what NTCIP standards and their Test Procedures are going to test for. It's the responsibility of the agency to determine that the compliance testing would ensure that the device itself would cover all the requirements that they have put into the specifications that they released. So it may be that the two of those are being done at the same time as part of a single testing process. It may be that there is a separate test just for NTCIP conformance as an example typically that's performed as a factory acceptance test on a single item. Whereas compliance testing may be performed during that same factory acceptance test or it may be performed independently

Q: Will testing procedure be standardized?

A: And yes that's what we're actually going over here is as much as possible what you're looking to do is standardize your Test Procedures for the published standards that NTCIP has produced, these are the Test Procedures that must be performed to be able to state that your device is conformant to NTCIP.