



Department of Insurance
**Telecommunications Infrastructure
Replacement Project**

***IPTel Workgroup
Status Report
January 2007***



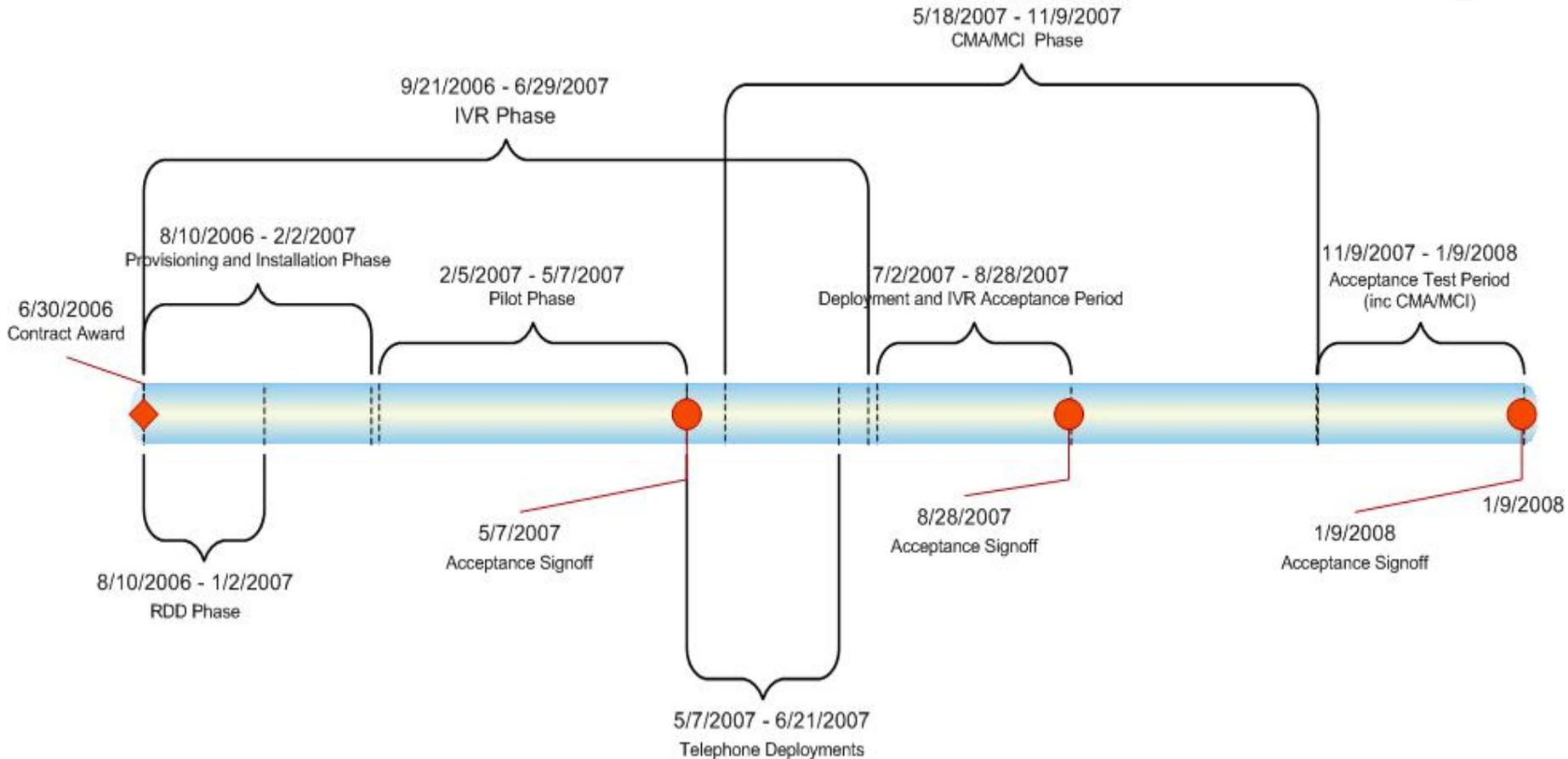
TIRP

Contents



- Project Overview
- Project Accomplishments/Next Steps
- Testing Methodology
- DHS Security Recommendations

Project Overview





Project Accomplishments/Next Steps

Accomplishments

- Delivery of Equipment
- Installation of Equipment
- Started Configuration of Equipment
- Initiated Knowledge Transfer (KT)
- Finalized Requirement Definition Document (excluding Reporting, Fax)
- Finalized Test Cases for Telephony System, Unity System, Personal Assistant, and Cisco Emergency Responder.

Next Steps

- Completion of Configuration of Equipment
- Implement Staff Training Plan
- Identify Reporting Requirements for Call Centers
- Finalize Call Center and Unified Operations Manager Test Cases.
- Finalize Pilot Acceptance Test Plan
- Address QoS and A2Q Issues and re-baseline workplan



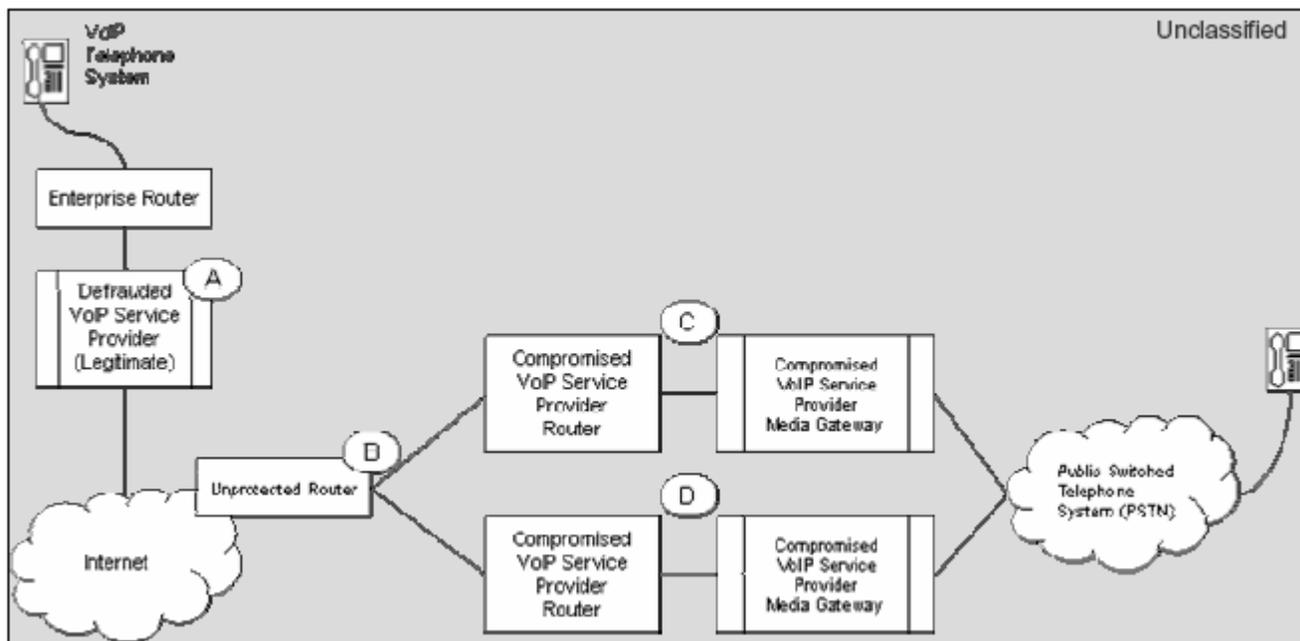
Testing Methodology

911 to PSAP operational verification				
Test No.: TS CER 0080	Test Type: <input checked="" type="checkbox"/> Functional <input type="checkbox"/> System <input type="checkbox"/> External		Test Category: TS – Cisco Emergency Responder	
Test Case Title:	911 to PSAP operational verification			
Test Purpose:	Verification that: 911 Calls proceed to PSAP with correct CID, call placed to PSAP provides proper location information, and PSAP is able to place call back to originating phone			
Test Case Procedure:	<ol style="list-style-type: none"> 1. Prior to carrying out this test, Coordination with PSAP must be established to ensure non-emergency calls to PSAP are regarded as testing calls only. 2. Choose a phone from which to place a test 911 call 3. Log on to CER administration as administrator 4. Locate the phone on the switch location details page by changing the search option to directory number. 5. Verify to which ERL the phone is associated 6. Place the test 911 call 7. Post test call, hang up phone to receive call back 8. Conduct the above for each ERL 			
Checks:	<ol style="list-style-type: none"> 1. Ask what Calling Party Number and physical location information was received. This should match the ERL 2. Verify the DID/CID and physical location presented to the PSAP matches those configured for that ERL and correspond to selected phone. 3. Ask PSAP personnel to return a call to the DID/CID they received upon terminating this call 4. Verify call back to the phone is received from the PSAP 			
Expected Results:	911 to PSAP operational functionality intact. Proper CID display, location information pulled from PS-ALI database and return call to CID successful.			
AT&T - Tested By (Initial):	First Test Date	2nd Test Date	3rd Test Date	
	<date> Pass: <input type="checkbox"/> Fail: <input type="checkbox"/>	<date> Pass: <input type="checkbox"/> Fail: <input type="checkbox"/>	<date> Pass: <input type="checkbox"/> Fail: <input type="checkbox"/>	
AT&T Test Remarks:				
CDI – Tested By (Initial):	First Test Date	2nd Test Date	3rd Test Date	
	<date> Pass: <input type="checkbox"/> Fail: <input type="checkbox"/>	<date> Pass: <input type="checkbox"/> Fail: <input type="checkbox"/>	<date> Pass: <input type="checkbox"/> Fail: <input type="checkbox"/>	
CDI Test Remarks:				





DHS VoIP Security Assessment : VoIP Service: Fraught with Vulnerabilities, Susceptible to Fraud



- No CDI VoIP traffic traverses the Internet (except for VPN for remote agents)
- All CDI non-enterprise voice traffic is via PSTN gateways
- CDI has Firewall, IPS and IDS to identify fraudulent traffic

TIRP

DHS Security Recommendations



Update corporate computer and network security policies, practices, and procedures.

Enforce computer and network security policies.

Ensure all networked systems have the most current security patches.

Ensure anti-virus definitions are up to date.

Use IDS and intrusion protection systems (IPS).

Analyze IDS, IPS, firewall, router, and server log files on a regular basis.

Use the strongest authentication and access control policies available on routers and servers connected to the Internet.

ALL THE ABOVE FOLLOWED IN TIRP IMPLEMENTATION

