



Comprehensive Testing To Ensure High Quality IPTV Service

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Common Challenges For Video Operators, Vendors

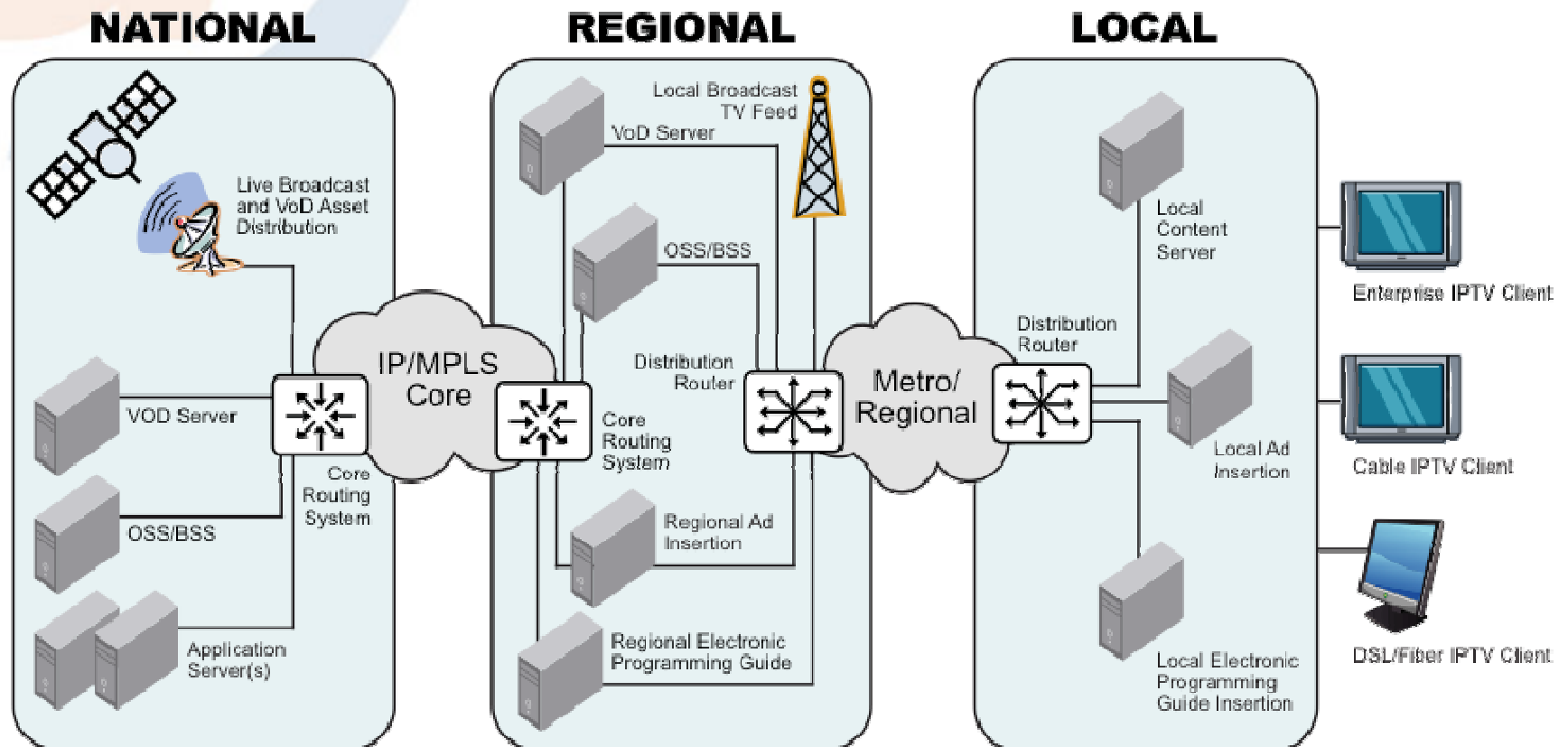
- Need to deliver new, feature rich services quickly
- Quality critical to market success
- Complexity of converged environment



What is your test strategy to meet these challenges?

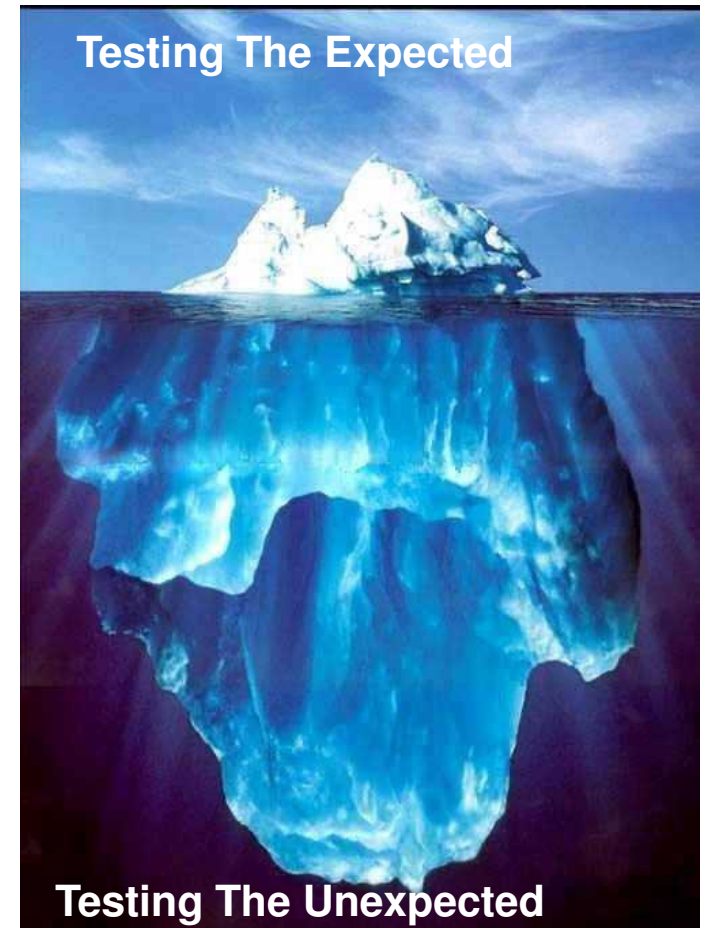
Quality Depends on the Whole Network

- All elements must cooperate to deliver quality service to the end-user



Mu Value Proposition – Manage The Unexpected

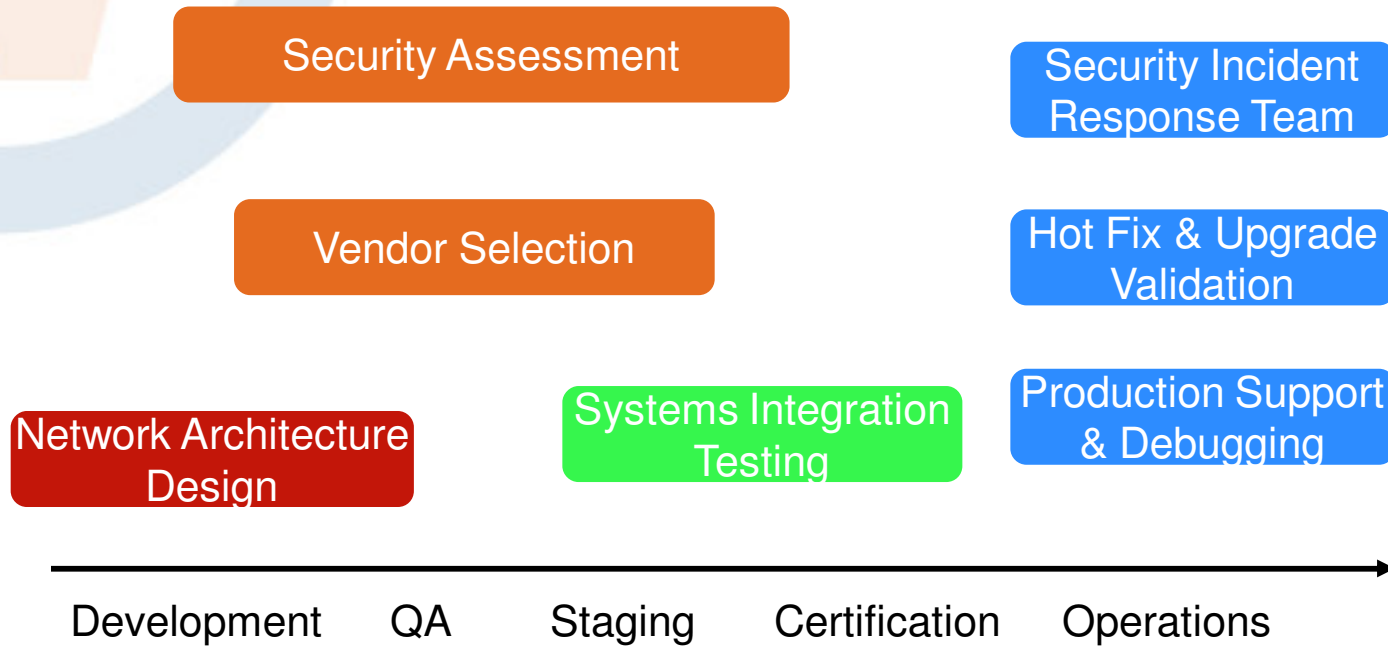
- Is your testing strategy finding all of the issues?
- How do you address this today?
 - Interoperability
 - Performance
 - Functional/Conformance
 - *What about the unexpected?*
- Mu systematically tests for the unexpected in order to eliminate expensive service failures



Mu Benefits for IPTV Operators and Vendors

- Improve reliability, availability of converged network services and products (focus on Triple Play, Data Services, Routing, IPv6) by testing for the unexpected
- Significantly improve testing for the unexpected for new or proprietary services and applications/configurations
- Rapidly generate and run tests for real world multi-machine, multi-protocol scenarios
- Leverage your library of known problems (pcaps) to find related problems

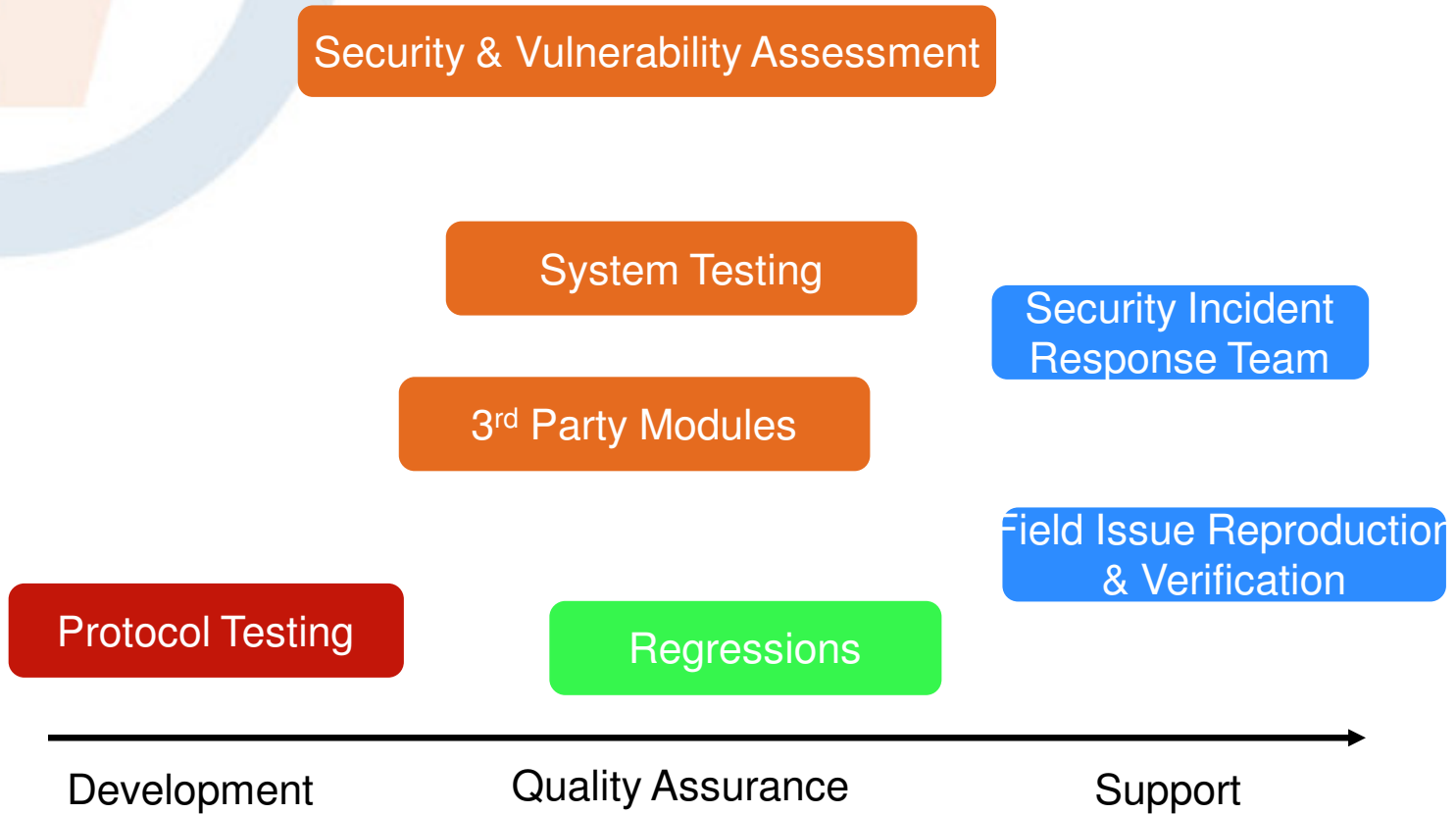
Most Common Network Operator Use Cases



Customer Success Story: Large US Operator

- Established a formal Vendor Acceptance Policy enabled by Mu to improve reliability and security of infrastructure
 - Every IP-enabled device passes a thorough Mu assessment prior to deployment
- Deploying IPTV service to millions of end user customers over a global IMS core network
- Actionable fault reports with pcaps, monitor traces, and EVT's streamline interaction with vendors
 - Enables issues to be reproduced and remediated rapidly
 - Vendor patches verified by point-and-click regression analysis

Most Common Vendor Use Cases



Customer Success Story: Large US Networking Vendor

- Deeply embedded Mu into Engineering and QA processes for multiple product lines
- Deploying MPLS core networks supporting advanced applications like VoIP and IPTV
- Mu is able to monitor all layers of the architecture while exercising each layer independently (i.e., LDP, MPLS, OSPF, SIP, RTSP, etc.)
- Mu generates millions of variations on real traffic flows – no other way to achieve equivalent test coverage



Thank You

<http://www.mudynamics.com/iptv>