



xVu™ for CISCO™ VQE

Application Notes

TECH SPECS



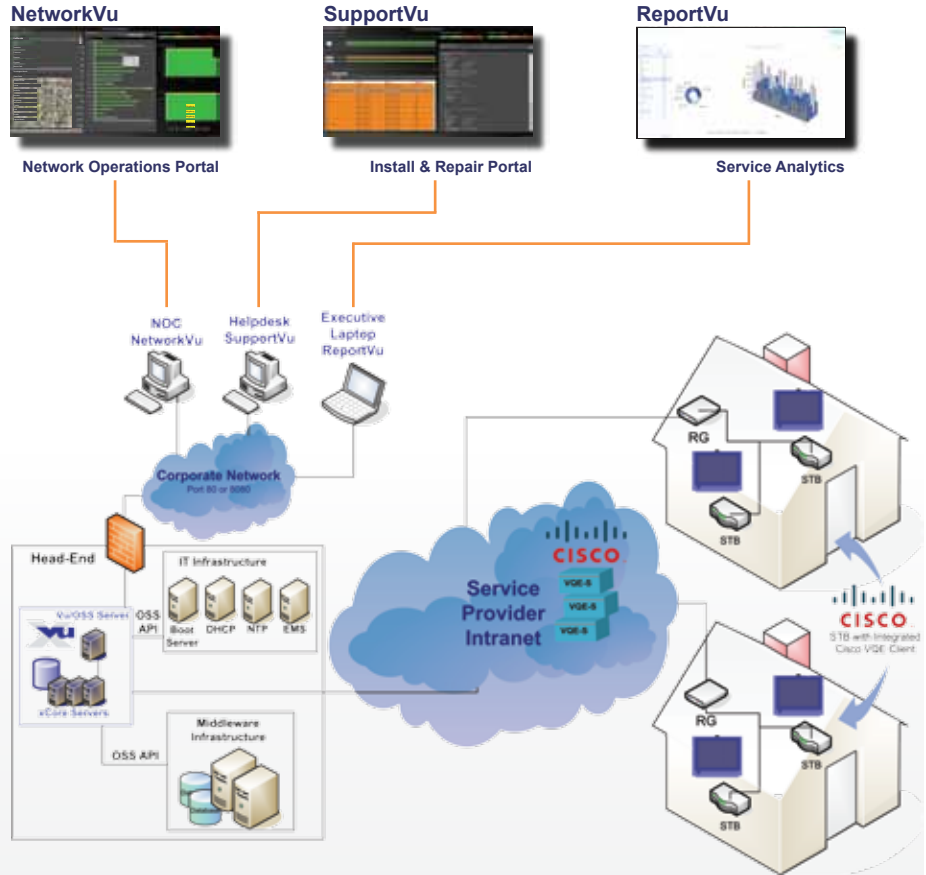
Portals and Reporting User Interfaces (UI)

Three User-purposed Web Portals, each configurable, provide a distinct view of the customer experience:

NetworkVu: Used by Network Operations - provides an overall view for service management and is a valuable services launch tool.

SupportVu: Customer Service, Installation & Repair Technicians - provides your customer facing resources with visibility into the actual customer experience.

ReportVu: Portfolio analytics and service & marketing analytics.



Servers and Applications

The xVu™ solutions consists of 3 distinct components which can be housed in a single server or distributed across multiple servers for larger deployments.

xCore Server:

- xCore Server is responsible for aggregating RTCP reports from the Video Quality Experience platform, severity assessment and real time counters

VuServer:

- Provides User Interface Portals
- Alarming SNMP/SMTP to EMS (Element Management Systems)

OSS Server:

- Provides interfaces to common Middleware platforms and IT servers to enable STB Mapping
- Provides connection to IT infrastructure

Data Collection Technologies

xVu™ VQE:

- IPTV Customer QoE Monitoring Technology
- Connects to CISCO™ VQE-S
- Collects QoE data from RTCP statistics (RFC 3611)
- Extensions available via RTCP XR (RFC 3611)
 - Post repair effectiveness
 - Channel change statistics

System Specifications

- Operating systems supported: Linux/Windows/Red Hat Enterprise Edition
- Hardware platform supported: x86
- Storage characteristics: Mariner provided or Customer

Sample H/W Specs

x86 HP DL380 G5 2.83GHZ 16GB
(Scalable from single server to farm)

About xVu™

xVu delivers insight and value to the players who need it most - Network Operations, Customer Services, and Senior Management.

A customer-centric approach is at the heart of this industry-leading approach to TV service excellence. With deep operational expertise in the IPTV service industry, Mariner recognized the value of this principle and built on it as the foundation of xVu.

xVu turns performance insight into customer satisfaction and TV profitability.