

A middle-aged man with grey hair and a beard, wearing a light-colored shirt and a brown blazer, stands in an office. He is holding a brown leather briefcase in his left hand and smiling at the camera. In the background, there are computer monitors and large windows.

SteelCentral NetIM

Diagram, Troubleshoot & Report Network Configuration

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Topics

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NetIM in the SteelCentral Platform

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IT Infrastructure Management

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SteelCentral NetIM

4

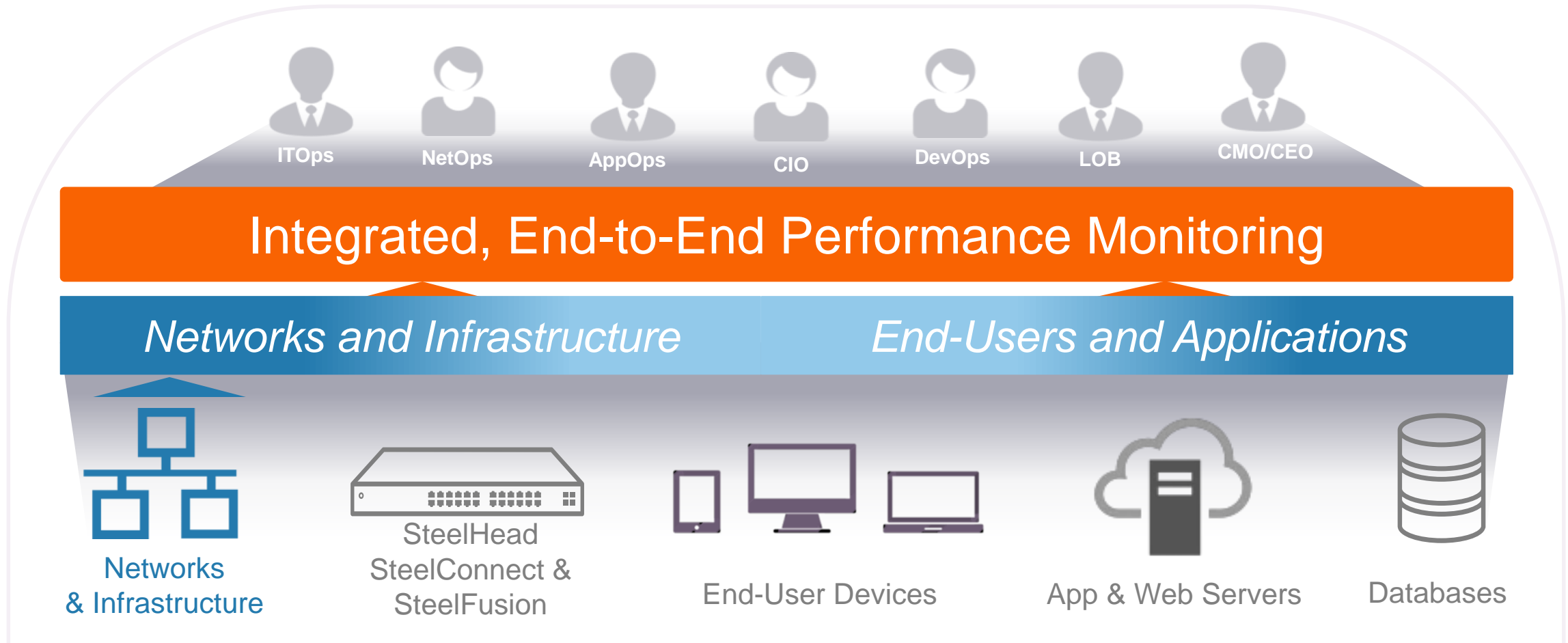
NetIM Use Cases

5

NetIM Benefits

The **Command Center** for Application Performance

Infrastructure Management within the Platform





IT Infrastructure Management

The need for better IT Infrastructure Management (ITIM)

IT performance management is reactive

40% of all network problems are experienced and reported by end-users

before network operations is aware¹

¹EMA Network Megatrends, 2016

²http://www-nexthink.s3.amazonaws.com/brochures/doc/Forrester_Nexthink_TAP.pdf

³Market Guide for IT Infrastructure Monitoring Tools,” Gartner, 09 May 2016, ID: G00296324

90% of IT Execs say end-users struggle with business technology problems that company has no way to detect²

Infrastructure is often the root cause

38% of major outages are caused by configuration problems¹

90% of major outages are caused by server problems¹

Fragmented approach to ITIM

Have **5** or **more** tools monitoring IT infrastructure”³

Creates Networking Challenges



Complex Troubleshooting

- Blind spots from 'invisible' devices
- Difficult to understand performance levels
- Configuration problems difficult to spot



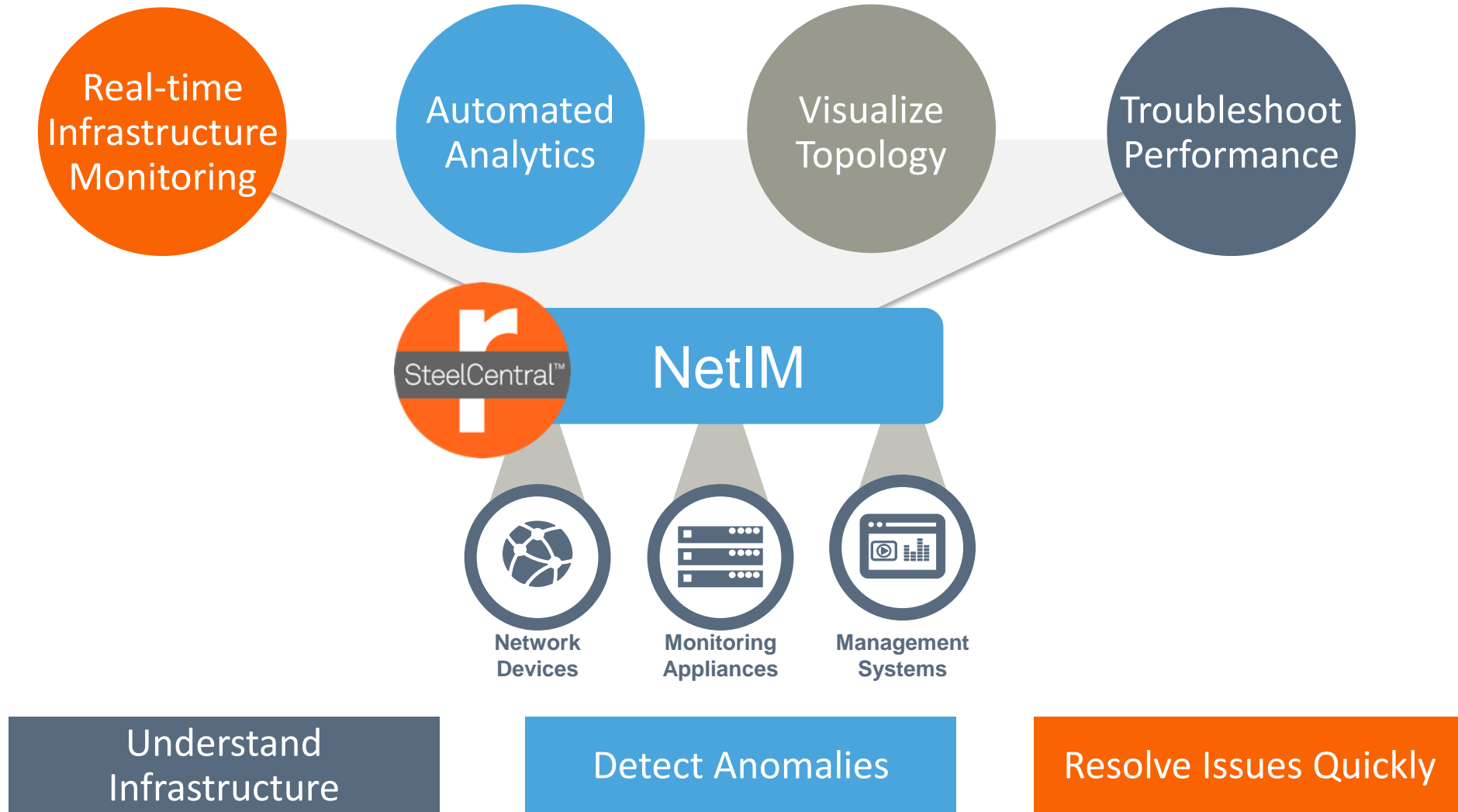
Reactive Infrastructure Management

- Problems often identified by users
- Finger pointing between teams
- Emphasis on firefighting, not strategic initiatives

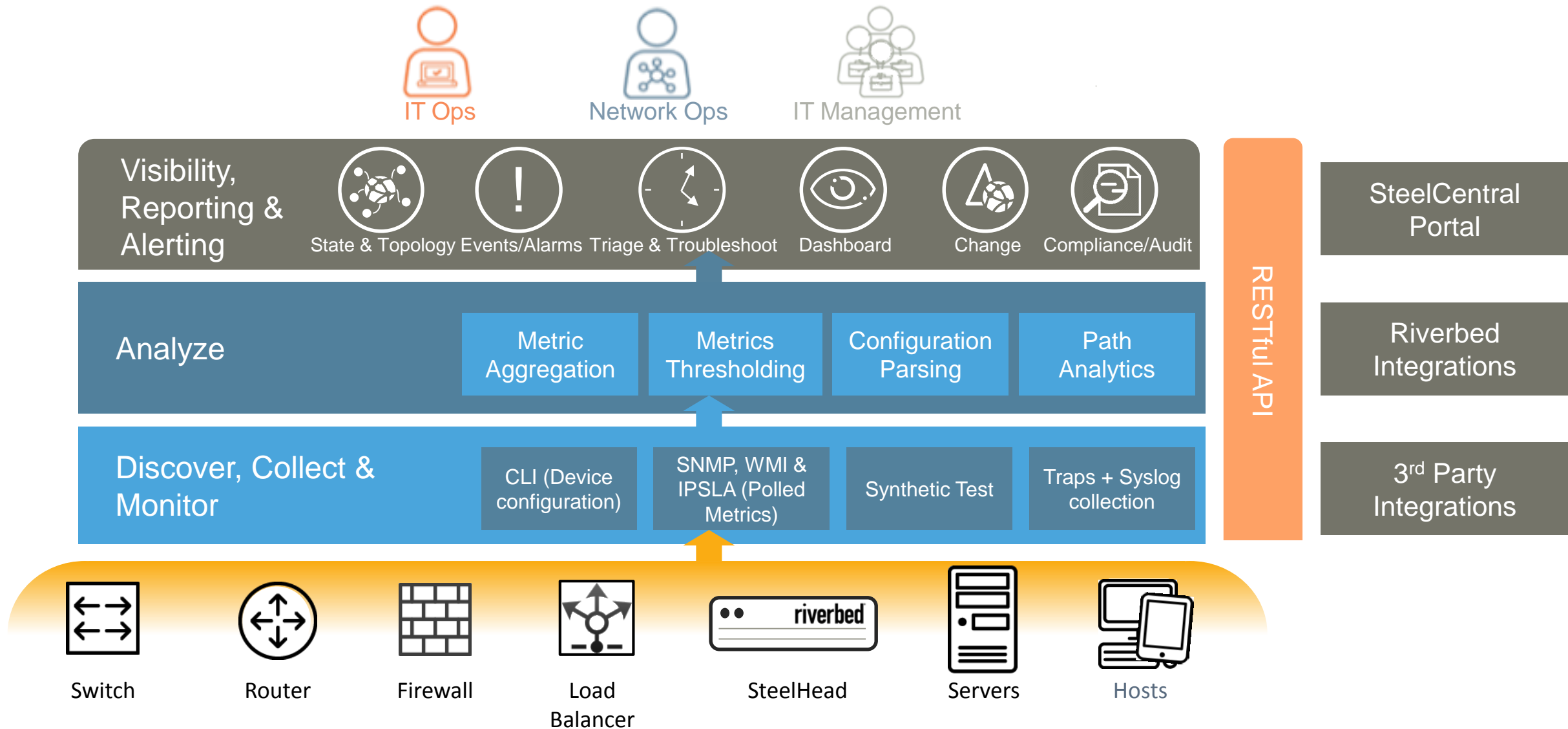


SteelCentral NetIM

Real-Time Infrastructure Visibility with SteelCentral NetIM



How NetIM Works



IT Infrastructure Management



NetIM Use Cases

Discover infrastructure & monitor performance

- Discover infrastructure devices
- Automatically generate diagrams
- Real-time topology views monitor performance
- Identify changed devices

SteelCentral NetIM / AET-BETA-DEMO2

riverbed
IP 10.46.250.222 · version 0.99.0 Build 180

CLOSE WINDOW

Add Devices Results

Add Devices Results History

Add Devices Results: Sat 12 Nov 2016 12:36:47

- Add Devices Results
 - Devices Discovered [94]
 - New Devices [94]
 - Failed IP Addresses [0]
 - Skipped IP Addresses [0]
 - Configuration
 - Contacted IP Addresses Summary
 - Neighbors Summary

SNMP Discovery Results

Report of all IP addresses encountered in the current discovery run.

Discovery configuration

Source: Add Devices Wizard, Import existing device info file (CLI will be configured)

Mode: Green Field

The following table lists the IP addresses known to discovery in the current run

Device Name	Overall Status	IP Address	Category	Source	Comments
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SteelCentral NetIM / NETX-DEMO1

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version 0.99.0 Build 194 admin | Sign Out

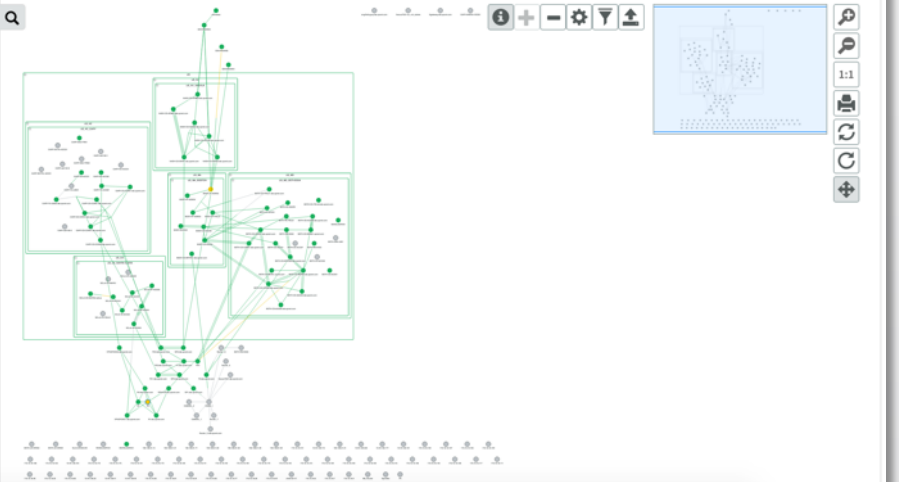
HOME SEARCH TOPOLOGY METRICS MORE - CONFIGURE - HELP - ^

Topology

Back to list

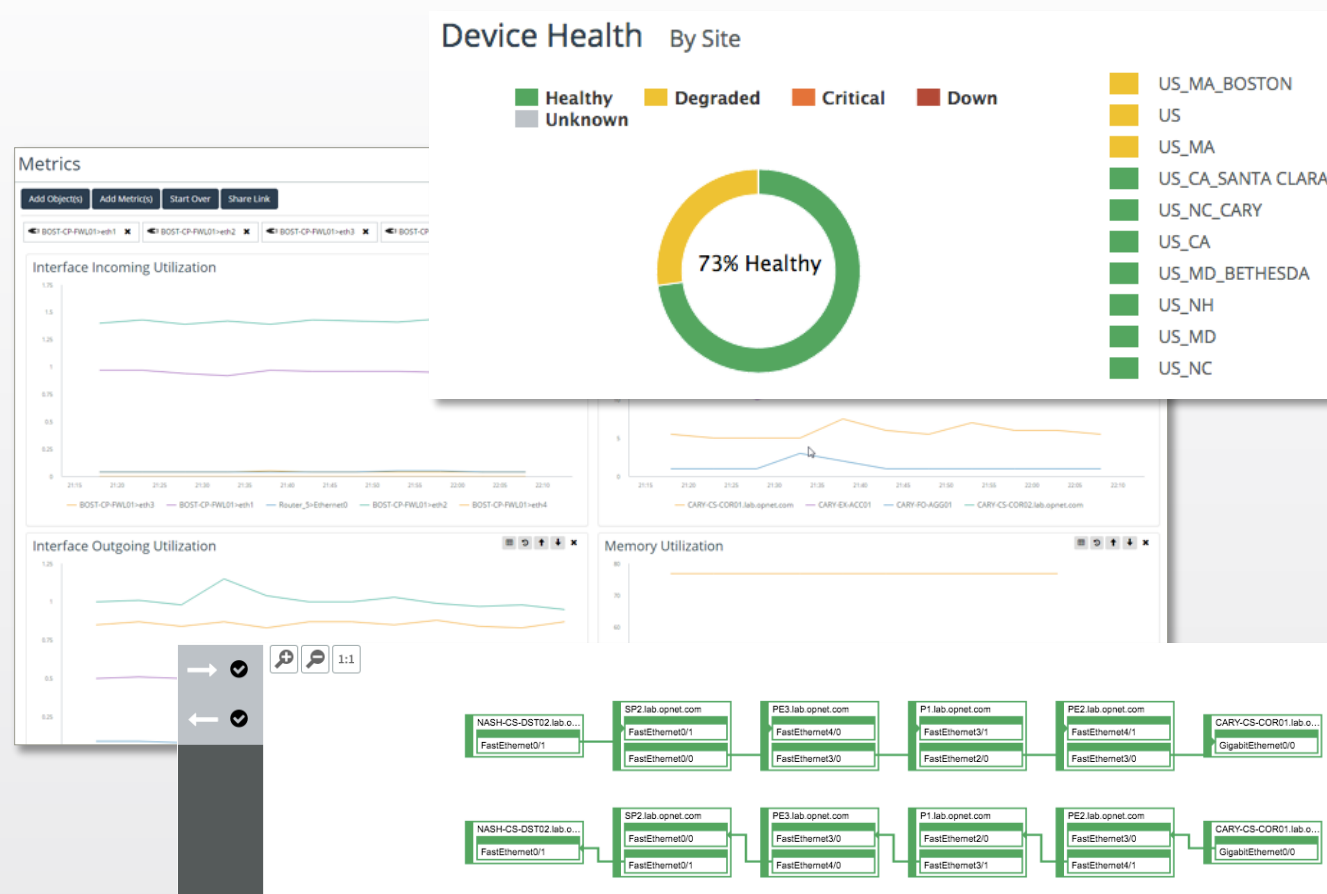
R2:

sysName R2
hostname R2
deviceName R2
primaryAddress 44.2.3.4
accessAddress 10.44.128.216
vendor Cisco Systems
deviceType Router
osVersion 12.2(8)T
sysDescr Cisco Internetwork Operating System Software IOS (tm) 3600 Software (C3640-J5-M), Version 12.2(8)T, RELEASE SOFTWARE (fc2) TAC Support: http://www.cisco.com/tac Copyright (c) 1986-2002 by cisco Systems, Inc. Compiled Thu 14-Feb-02 01:33 by ccal
sysContact rrengaswami@opnet.com
ifNumber 23
timeZone Eastern Standard Time (America/New_York)



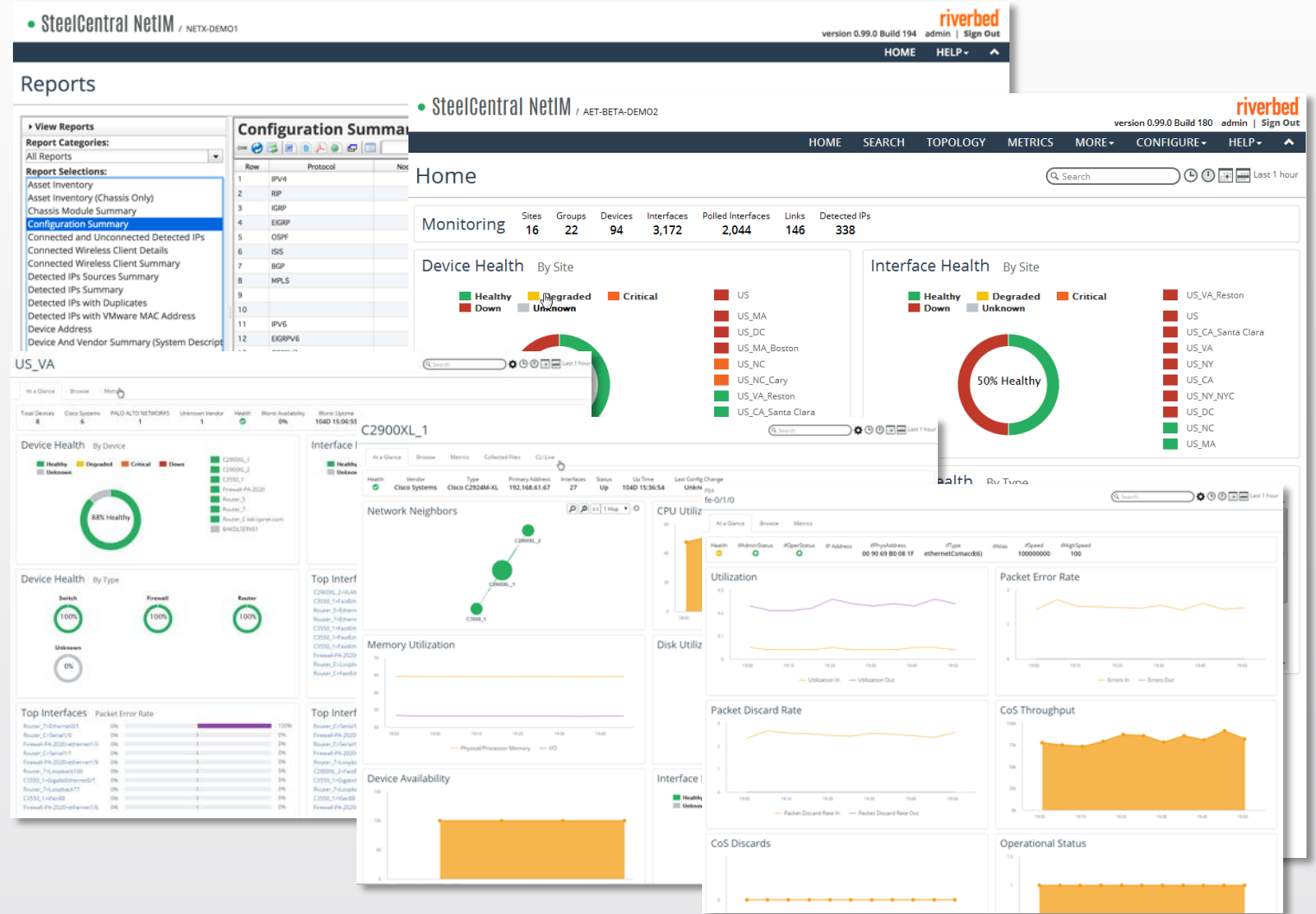
Identify performance anomalies

- Automated health index scores to identify poor performers
- Metrics Navigator lets you analyze metrics from multiple devices in a single view
- AppNetwork Path lets you view application data as it transverses the network



Troubleshoot problems quickly

- Out-of-the-box reports provide infrastructure insight
- Triage & resolve problems with Troubleshooting Toolbox
- Drilldown into site, group, device, and interface details with Curated Views



NetIM Benefits



Increase IT Infrastructure Visibility & Understanding



Improve Anomaly Detection



Troubleshoot Infrastructure Issues with Actionable Intelligence

Executive Summary

- SteelCentral NetIM lets you
 - Capture infrastructure topology
 - Detect performance and configuration issues
 - Map application network paths
 - Diagram your network
 - Troubleshoot infrastructure problems.
- Benefits
 - Increases IT infrastructure visibility and understanding
 - Improves anomaly detection
 - Provides actionable intelligence to help troubleshoot infrastructure issues



Thank You