

Analytics and Closed-Loop Automation for Multi-Vendor Networks



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Agenda

Anuta Introduction

Challenges for Network Automation

Anuta ATOM Overview

Customer Deployments

Demo

Rising Network Complexity



Exponentially Growing
Networks



Increasing OPEX
budgets



Demanding
SLAs

Configuration
Management

Compliance
Enforcements

Maintenance &
Upgrades

Policy Design

Monitoring &
Troubleshootin
g

OPEX
Reduction

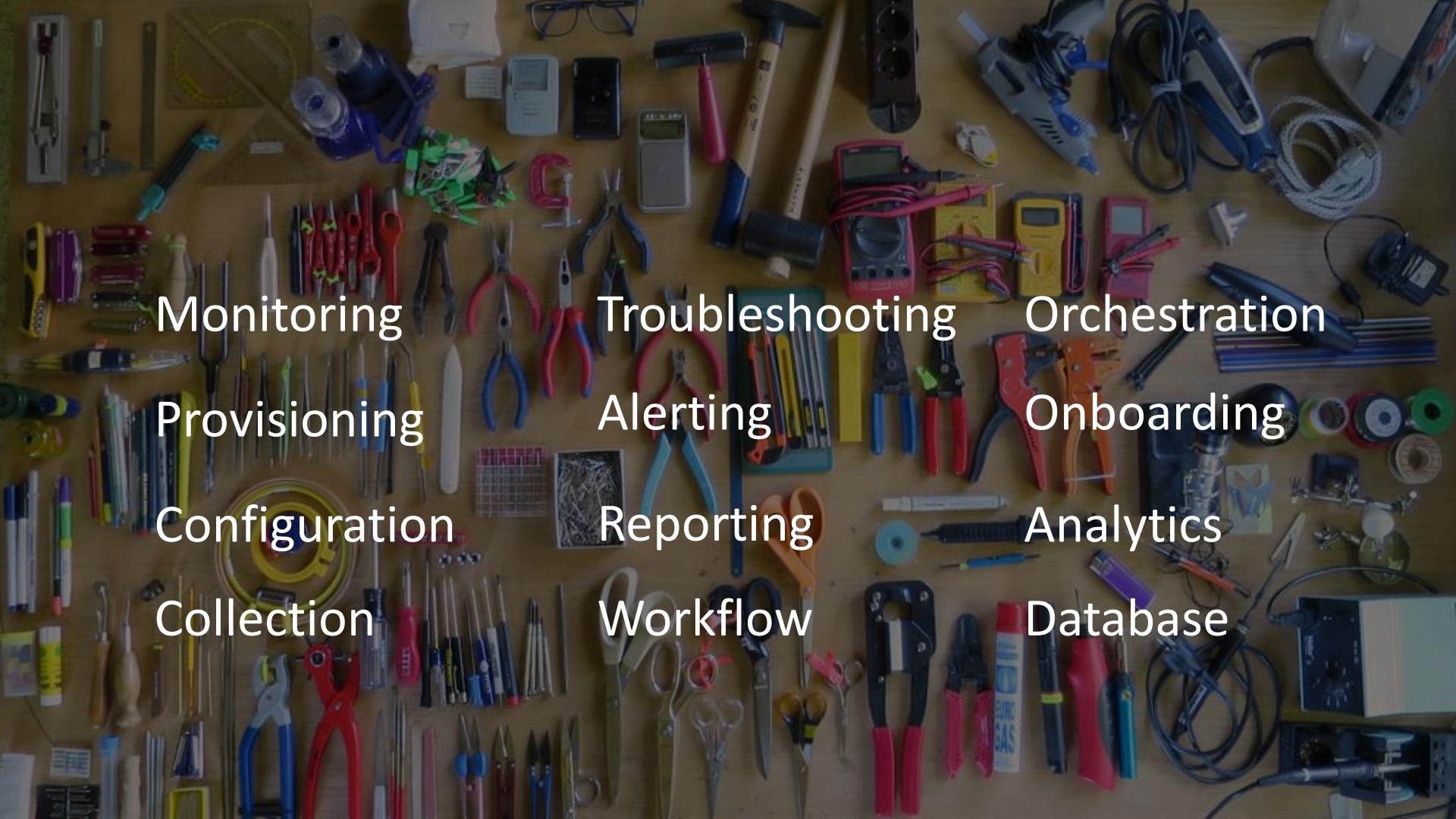
Vendor
Management

Scripts upkeep

Performance
Upgradation

Hybrid Multi-
Cloud Infra





Monitoring

Troubleshooting

Orchestration

Provisioning

Alerting

Onboarding

Configuration

Reporting

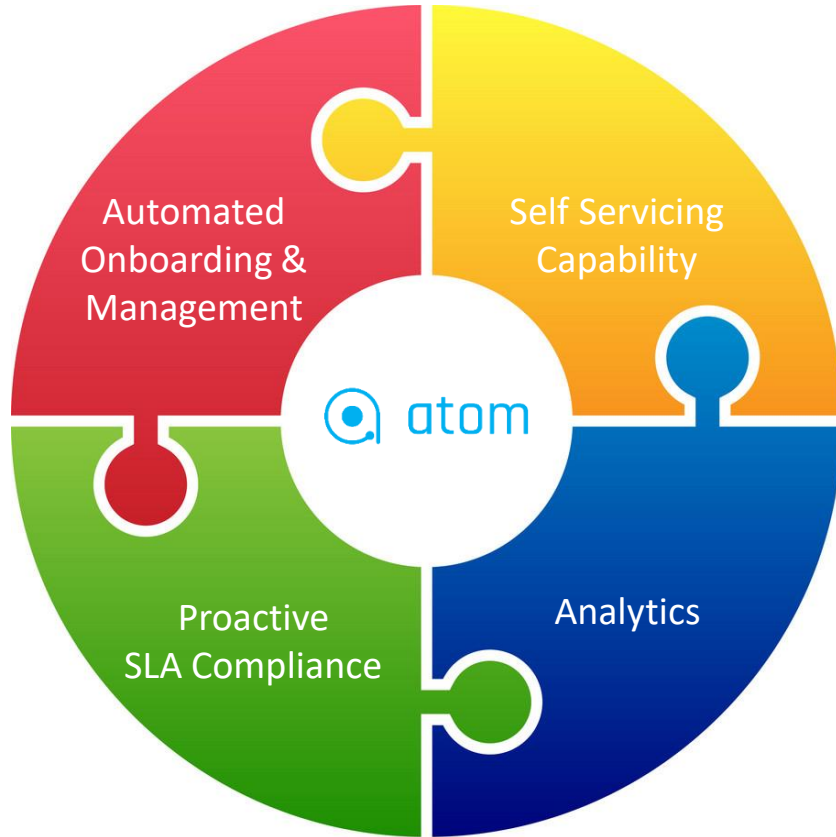
Analytics

Collection

Workflow

Database

Anuta ATOM Platform



A Comprehensive Unified Solution

that delivers

Assurance, Telemetry and
Orchestration

for

Multi-Vendor, Multi-Domain Networks.

Anuta Networks Overview

Closed-Loop Automation that delivers Assurance, Telemetry and Orchestration for Multi-Vendor, Multi-Domain Networks.

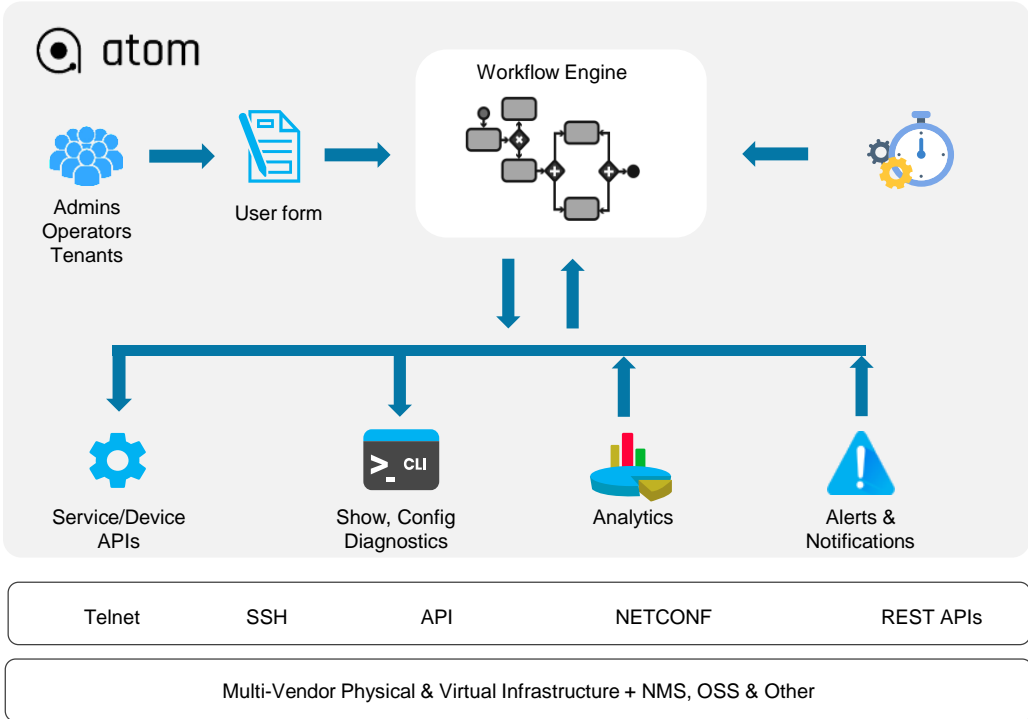


HQ in SF, with operations in India, Japan, UK, ANZ and Asia-Pac.

Target Customers
Telco, SP, MSP, CSP, Financial Services, Retail, Transportation

Network Domains
IP/MPLS Core, Data Center, WAN

Low Code Automation with Workflow



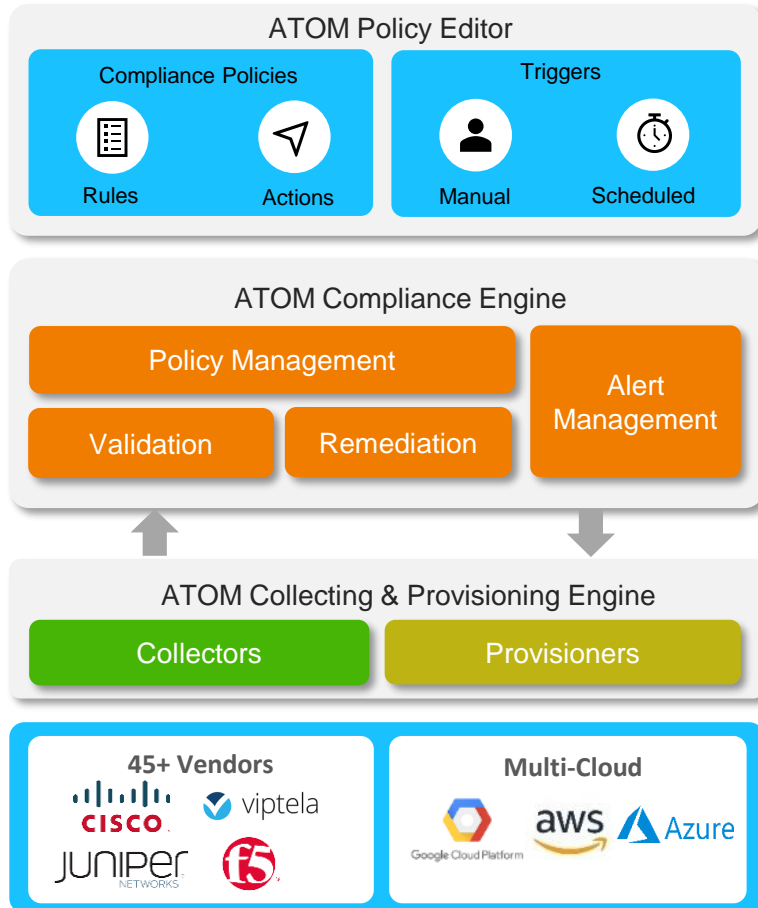
Streamline Processes




Automate Complex MOPs (SWIM)

Automate Approval Chains

Increase Efficiency & Productivity

Configuration & Compliance Management



-  Reports
-  Alerts
-  Notifications

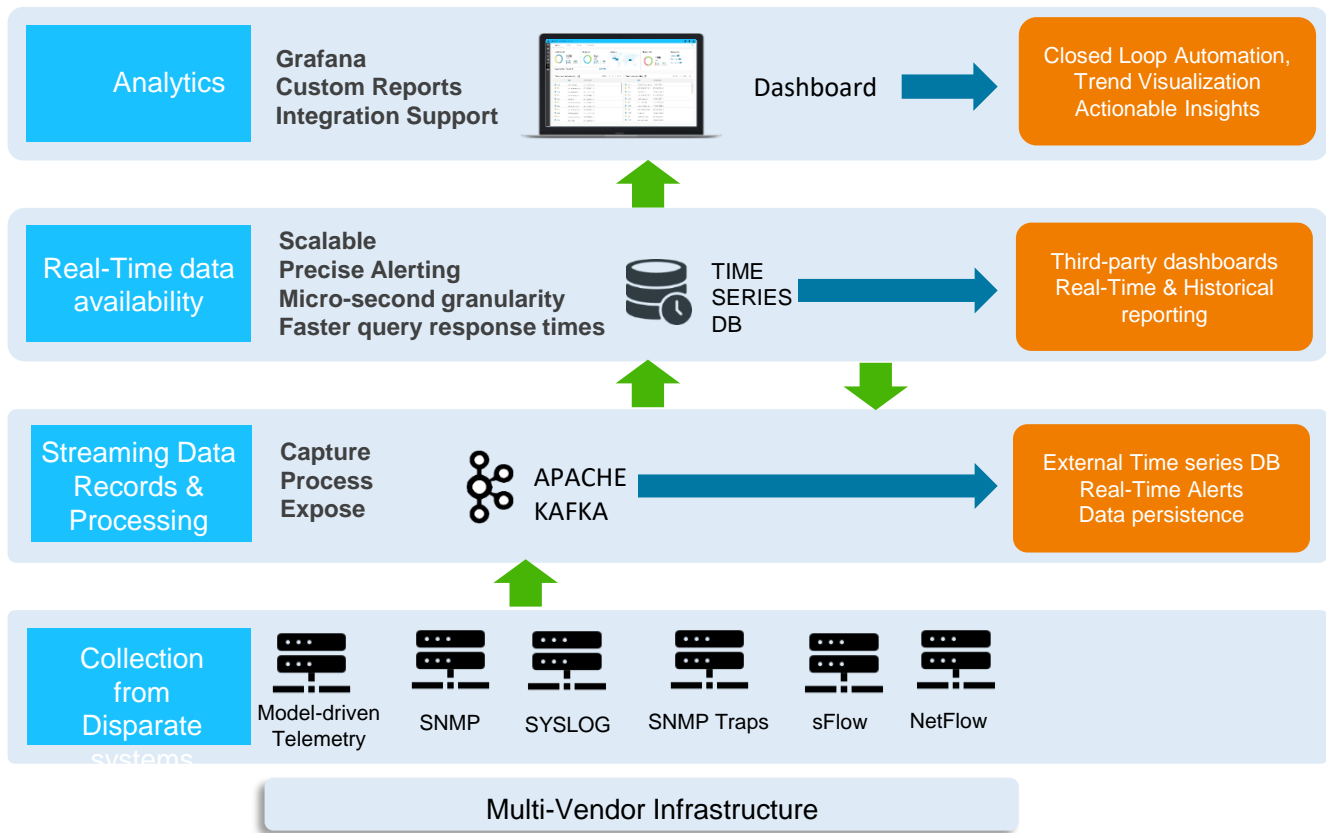
Easily Define Complex Policies

Always-on Compliance Enforcement

Preserve Device Configurations

Detailed Audit Reports

Telemetry and Real-Time Analytics



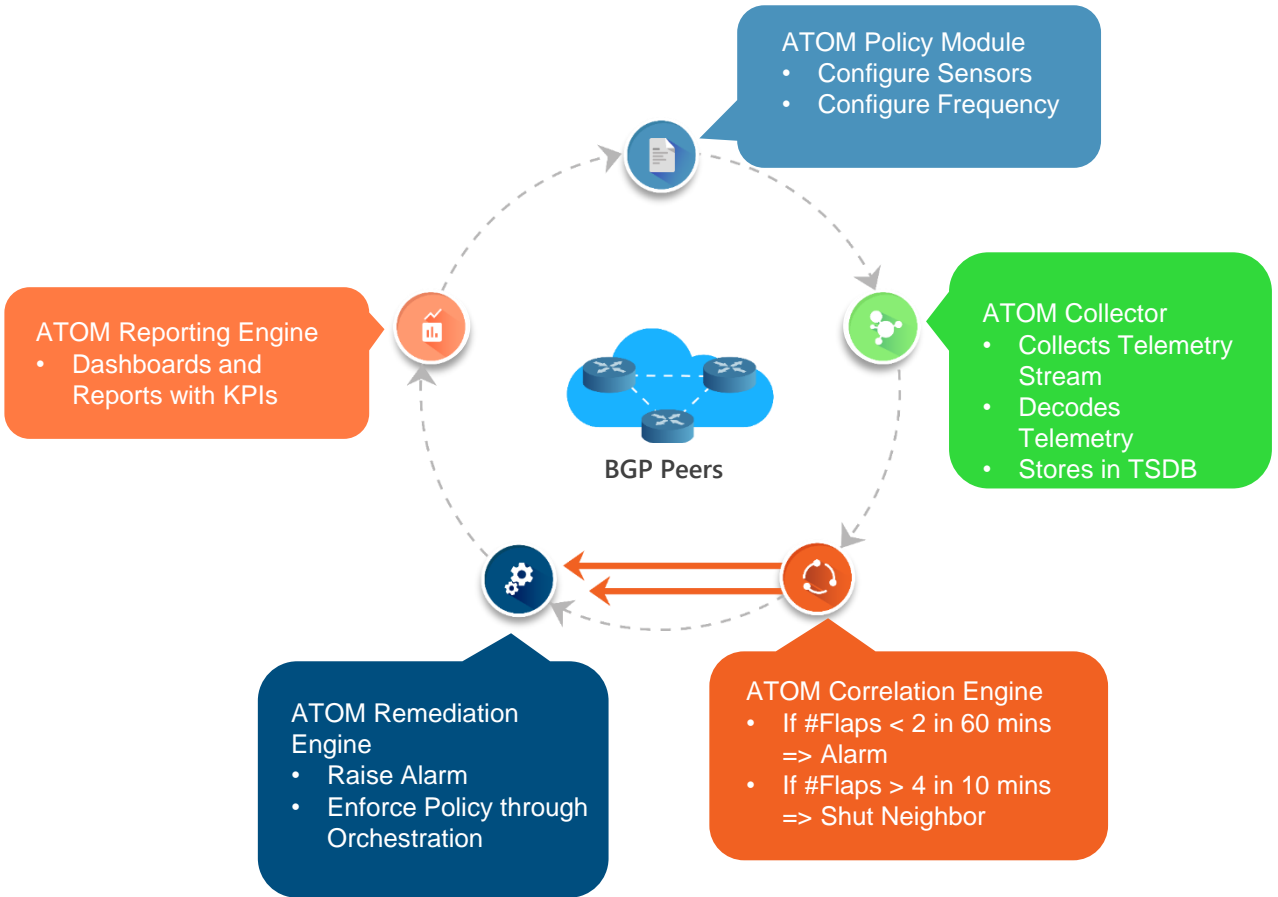
Monitor with Single Pane of Glass

Design Self-Healing Network

Integrate with external databases

Customizable Dashboard

Closed Loop Automation – BGP Neighbor Flapping



Meet Your Customer SLAs

Eliminate Downtimes

Reduce MTTR, Increase Efficiency

Reduce OPEX

Supported Vendors



ASR 9K,1K, 7600 series
ISR - 800, 1800, 2800, 2900, 3800

Catalyst 2900, 3560, 3600X, 3750, 4K, 6500
Nexus 1K, 2K, 3K, 5K, 7K, 9K, UCS FI

Virtual ASA, VSG , ACE-Appliance, ACE-Module, WAAS, SM-SRE, WAN E-574 to 8541 appliances, WSA

Cisco APIC
MME*, P/S-GW, Cisco WLC 2500, 5500
ACS, VNMC



MX-80 series, MX-480, MX-960

EX Series Switches, QFX, Q Fabric System (DC Network Fabric)

VGW, SRX, Virtual SRX, NetScreen

NFX 250, Contrail/CSO, JUNOS Space

ARISTA



BROCADE 



FORTINET

7010, 7050X, 7150, 7500 Series, vEOS

BIG-IQBIGIP-LTM, BIGIP-GTM, 3600, VIPRION 2400

VDX 8770, FastIron, BigIron series, SteelApp, vEPC, 6900, 8900, VDX 6700 series, ProxySG

Panorama – PA & VM series

Fortigate 3140, 3140B



CITRIX



servicenow

Checkpoint Provider-1, Security Gateway, R77, R80 Security Gateway





















NetScaler MPX, SDX

5800, 5900, 600, 12500, 10500, 7500 series, HP Helion, HP DCN, VSR 1000

IPAM & DNS

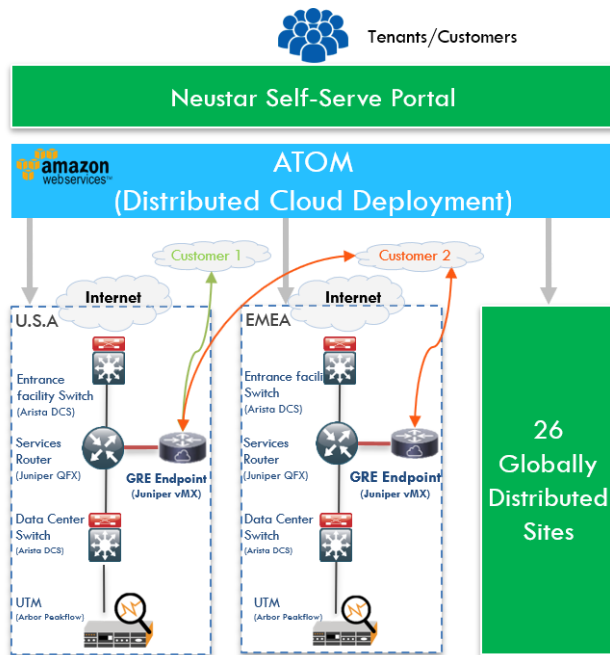
ITSM

Supported Vendors List

 Virtual and Physical Steelhead	 3930, 3900	 IPAM & DNS	 Virtual Services Platform	 Alaxala AX-3650, Alaxala AX1240, AX2520
 NE40-X8, NE40-X3 series	 SSR 8000	 Syslog	 7750 series, 7705 series	 SCVMM
 Openstack	 Service Assurance Platform	 DVS, vCenter, ESXi, vShield Edge Gateway, vRealize, ESXi, vCenter, vCloud Air	 DC Switching	 Azure
 Opus switches	 Certificate Management	 5412XL, ADC-VX	 Federos	 PeakFlow SP, PeakFlow TMS 1000
 AWS	 Service Assurance Platform	 vEPC	 DNS	 vThunder

Customer Deployments

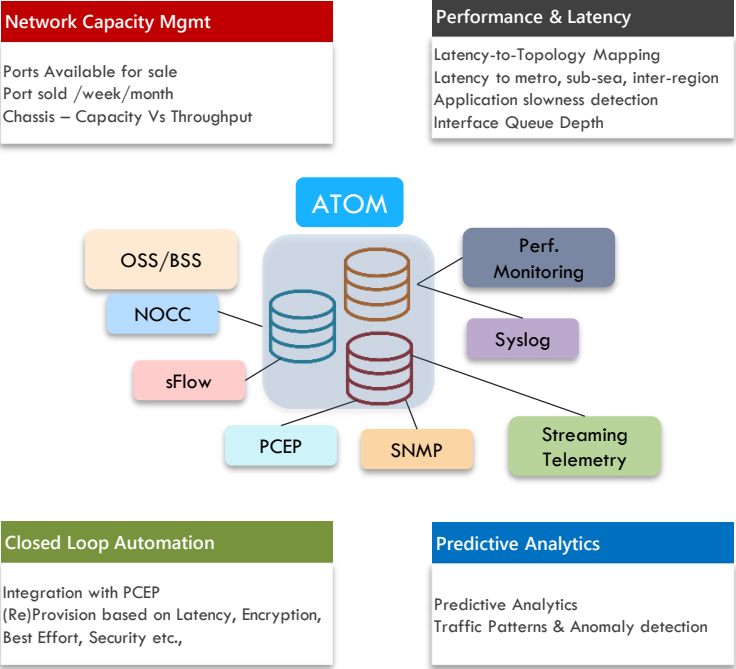
Case Study – Cloud DDoS Mitigation



ATOM helped with 24/7 network availability, speed of incident response & visibility to provide assurance during DDoS attacks.

- Mathew Wilson, Director of Network Engineering at Neustar

Case Study – Global Financial Services Provider



Anuta ATOM standardizes telemetry across disparate data sources & vendors to build a next-gen network analytics platform.

- Manager, Global Network Architecture.

DEMO

Why Anuta ATOM ?

Closed Loop Automation

- Automation, Analytics, Remediation and Assurance

Micro-services

- Auto-Scale to Thousands of Devices

Vendor Agnostic

- Support for 45+ vendors

Cloud-Ready

- Multi-Cloud - AWS, GCP, Azure, Private/Hybrid Cloud

Standards compliant

- IETF YANG, IETF NACM, and MANO alignment

Wrap-Up

- <https://anutanetworks.com/packetpushers>

Thank You

For Watching Anuta ATOM Overview Demo in Packet
Pushers Virtual Design Clinic

Hurry!! Register now to get your **FREE** T-Shirt
(Limited to the First 30 registrants only)

Register



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