



Anuta ATOM: Assurance, Telemetry and Orchestration for Multi-Vendor Networks

Anuta ATOM delivers a modular, extensible, scalable and cloud-native software platform that enables enterprises and service providers to rapidly design and provision network services, collect real-time telemetry, develop deep network analytics, ensure compliance and provide service assurance for multi-vendor infrastructure.

Features and Benefits

- Network Service Orchestration and Assurance for 45+ vendors that provides one of the broadest industry coverage models
- An intuitive graphical interface to define simple or complex procedures saves time and resources
- Streaming Telemetry using Google Protocol Buffers facilitates an open standard approach
- Real-time Analytics and Historical reports allow IT administration to course correct immediately and ensure a higher and more consistent QoS



Low Code Workflow Automation

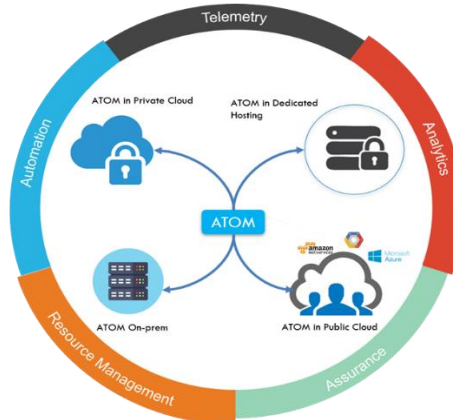
Anuta ATOM provides an intuitive graphical interface to design, develop and execute complex or straightforward network operations and procedures. The powerful interface allows network administrators to describe business intent along with key performance indicators and corrective actions to take on violations.

Analytics & Closed-Loop Automation

Anuta ATOM collects streaming telemetry from multi-vendor infrastructure and applies machine learning algorithms to develop deep analytics and reports. Network administrators can define KPI metrics and corrective actions to automate SLA compliance.

Features and Benefits

- Containerized to run on any cloud infrastructure including AWS, Azure, GCP provides customer deployment flexibility
- Always-on compliance enforcement framework reduces security threats and eliminates inconsistencies
- Horizontally scalable to thousands of devices provides networking investment protection for the future demands of 5G, IoT and multi-cloud
- Flexible low monthly pay per use plans to minimize business risk with security



<ul style="list-style-type: none"> ✓ Resource Management <ul style="list-style-type: none"> • Brownfield Discovery • Day-0, ZTP and Plug-n-Play • Topology Discovery • Config Management & Baselineing • YANG models • Compliance Monitoring & Enforcement 	<ul style="list-style-type: none"> ✓ Assurance <ul style="list-style-type: none"> • Compliance Validation • DSL for custom KPIs and actions • Security threat management • Traffic migration use-cases
<ul style="list-style-type: none"> ✓ Automation <ul style="list-style-type: none"> • Service Design • Service Chaining • YANG models • VNF Management 	<ul style="list-style-type: none"> ✓ Workflow <ul style="list-style-type: none"> • Graphical designer tool • Simple, Complex and nested flows • Integrates with external systems • Use cases – RMA, SMU, Pre-Checks, Post-Checks, etc.,
<ul style="list-style-type: none"> ✓ Collection & Telemetry <ul style="list-style-type: none"> • Model-Driven Collection • Google Protocol Buffers, gRPC • Integration - TSDB, Grafana, etc., • Sensors – BGP, Interface, etc., • Collection – SNMP, SNMP Trap, Syslog 	<ul style="list-style-type: none"> ✓ Domains <ul style="list-style-type: none"> • Campus, Branch, Data Center, • IP/MPLS & Core, SD-WAN, SDN • DCI, Cloud Hosted Infrastructure • NFVO, VNF, Virtual/Hybrid/Cloud CPE
<ul style="list-style-type: none"> ✓ Analytics <ul style="list-style-type: none"> • Query operational data • Integration with Grafana • Time Series DB • Predictive analytics with ML* 	<ul style="list-style-type: none"> ✓ Scalable Architecture <ul style="list-style-type: none"> • Dockerized, Micro-Services, HA • Geo-Distribution, DR, Auto-Scale, • Built-to-Scale to Million+ Devices

Configuration & Compliance Management

Anuta ATOM offers a robust framework to define complex network and security policies easily. It enforces compliance around-the-clock by automatically detecting violations and taking corrective actions. The platform regularly archives and preserves configuration on devices. Anuta ATOM detects any unauthorized changes made on devices and enforces reconciliation procedures automatically.

Extensible Platform

Anuta ATOM is an open and extensible platform. The entire platform functionality is available via the REST API for integration with OSS/BSS and ticketing systems. Anuta ATOM has an SDK that simplifies overall development effort, introduces version control to treat the infrastructure as code and supports ongoing DevOps movement.

Scalable Cloud-Native Platform

Anuta ATOM is containerized and can be deployed on-prem or public, private, hybrid or multi-clouds including AWS, Azure, and GCP. The modular architecture helps to reduce ATOM's footprint by allowing the administrator to install components relevant to his use cases. Modular architecture allows ATOM to scale effectively to manage Small, Medium or Very Large-scale networks.

To know how Anuta ATOM Platform reduces OPEX and benefits your business visit <https://www.anutanetworks.com/anuta-atom-overview/>