



Analytics and Closed-Loop Automation for SD-WAN

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Agenda

Introduction to Anuta

Challenges and Requirements

Anuta ATOM Solution Overview

Closed-Loop Automation

Results Achieved

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

TATA Communication's IZO™ SD-WAN



**Cloud Infrastructure Spanning 130
Countries and 2000 cities**

Instant deployment & Seamless
management of branch office networks

Simplifies branch Infrastructure

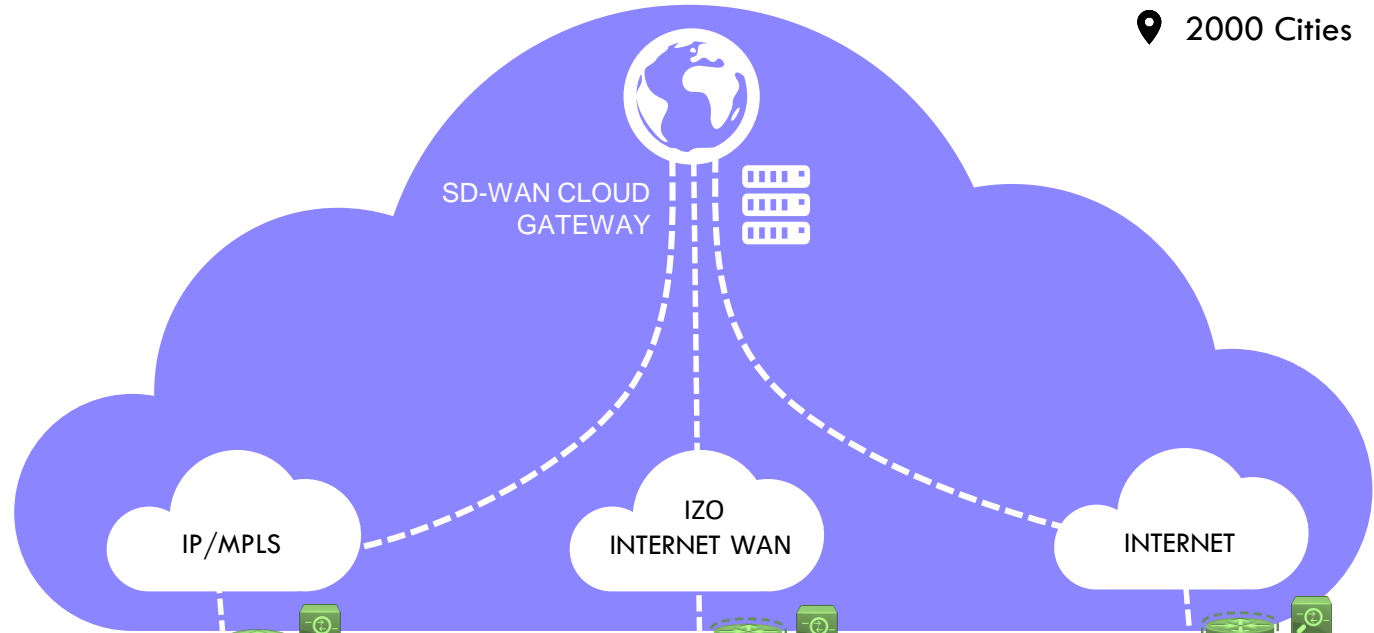
Enhanced end-user experience

Consistent security policies

Lower cost of ownership

IZO™ SD-WAN Architecture

📍 2000 Cities 📍 130 Countries



BRANCH OFFICE
PHYSICAL CPE

Logos for Cisco, Palo Alto Networks, and Hewlett Packard Enterprise are displayed below the physical CPE branch office icon.

BRANCH OFFICE
VIRTUAL CPE

Logos for Cisco, Viptela, Juniper, and Arista are displayed below the virtual CPE branch office icon.

BRANCH OFFICE
HYBRID CPE

Logos for Versa Networks and Juniper are displayed below the hybrid CPE branch office icon.

With Scale, comes the Challenges

1

Multi-Vendor
networks
Network Mix – SD-
WAN, Brownfield &
Greenfield

2

Complex CLIs
across SD-WAN,
Routers, Firewalls
Multi-skilled staff
requirements

3

Rise in number of
trouble tickets due
to mis-
configurations

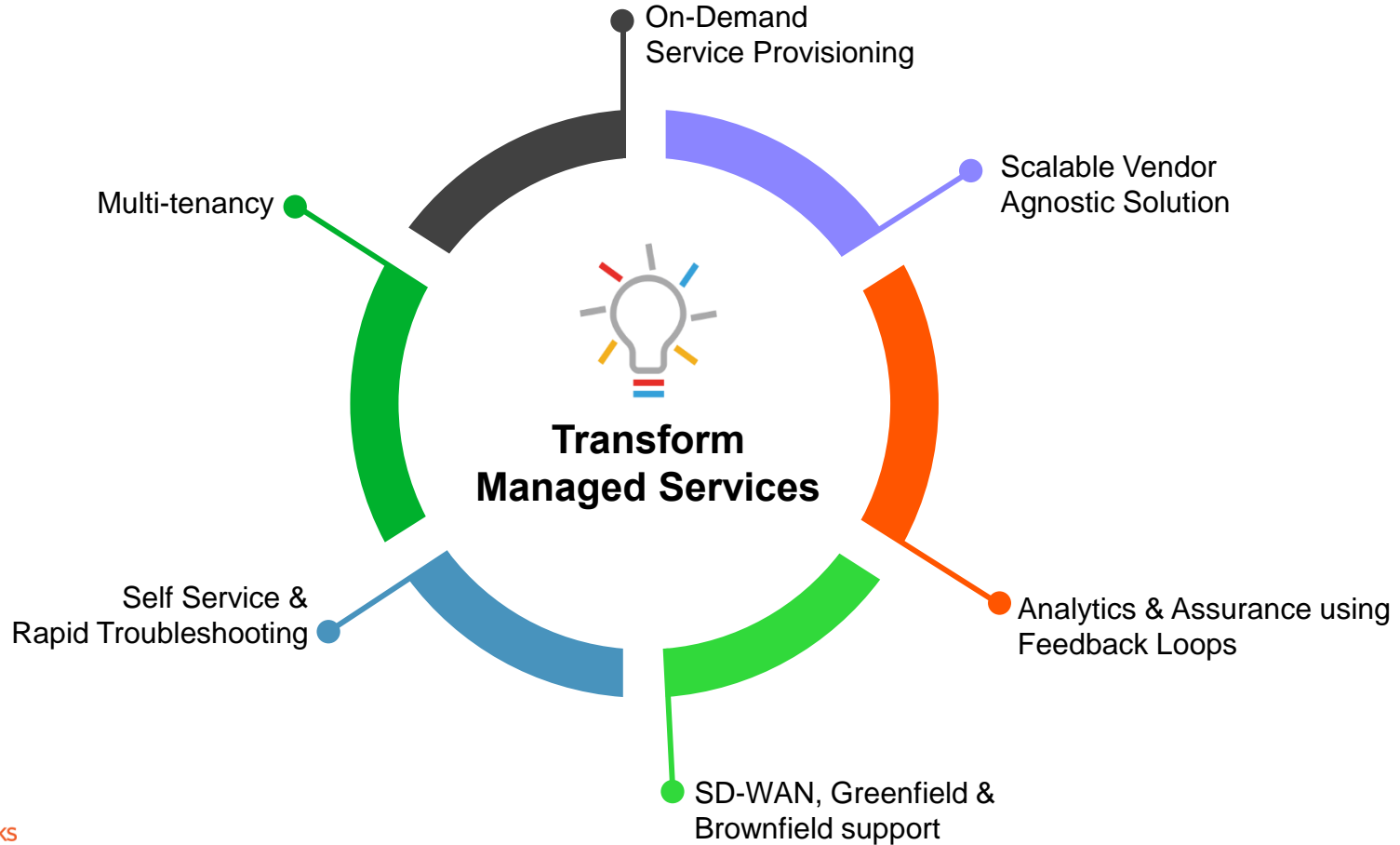
4

In-house tools
failed to meet the
scale and
expectations

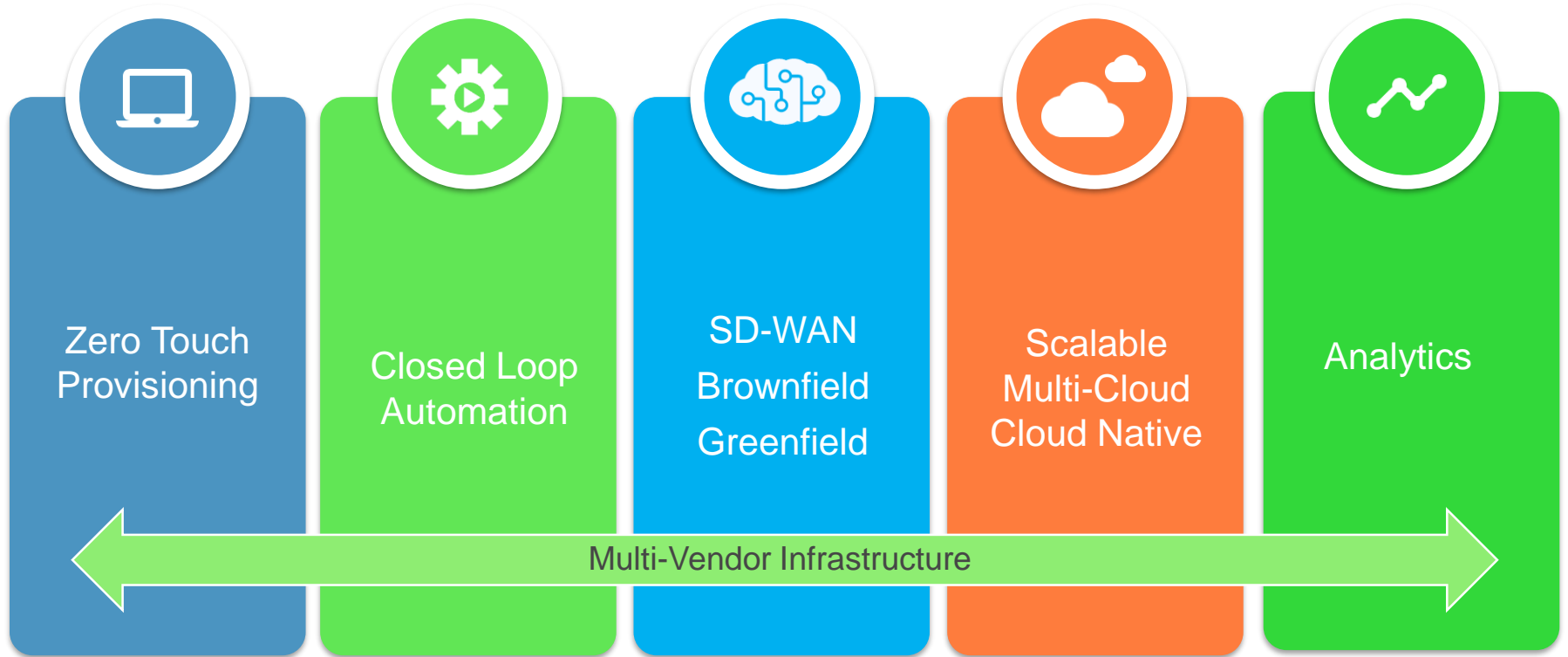
5

Delay in on-
boarding enterprise
customers

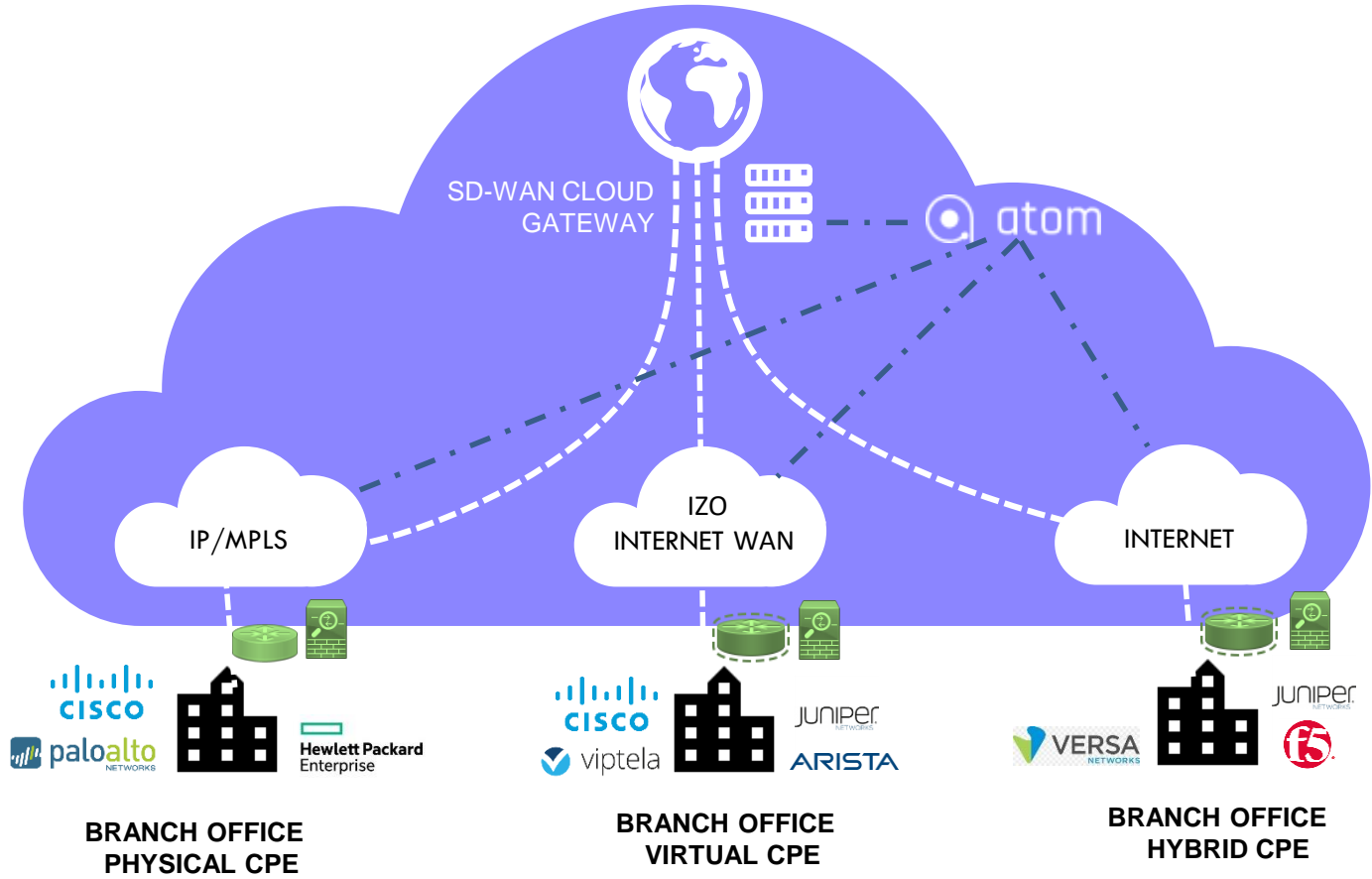
The Success Criteria



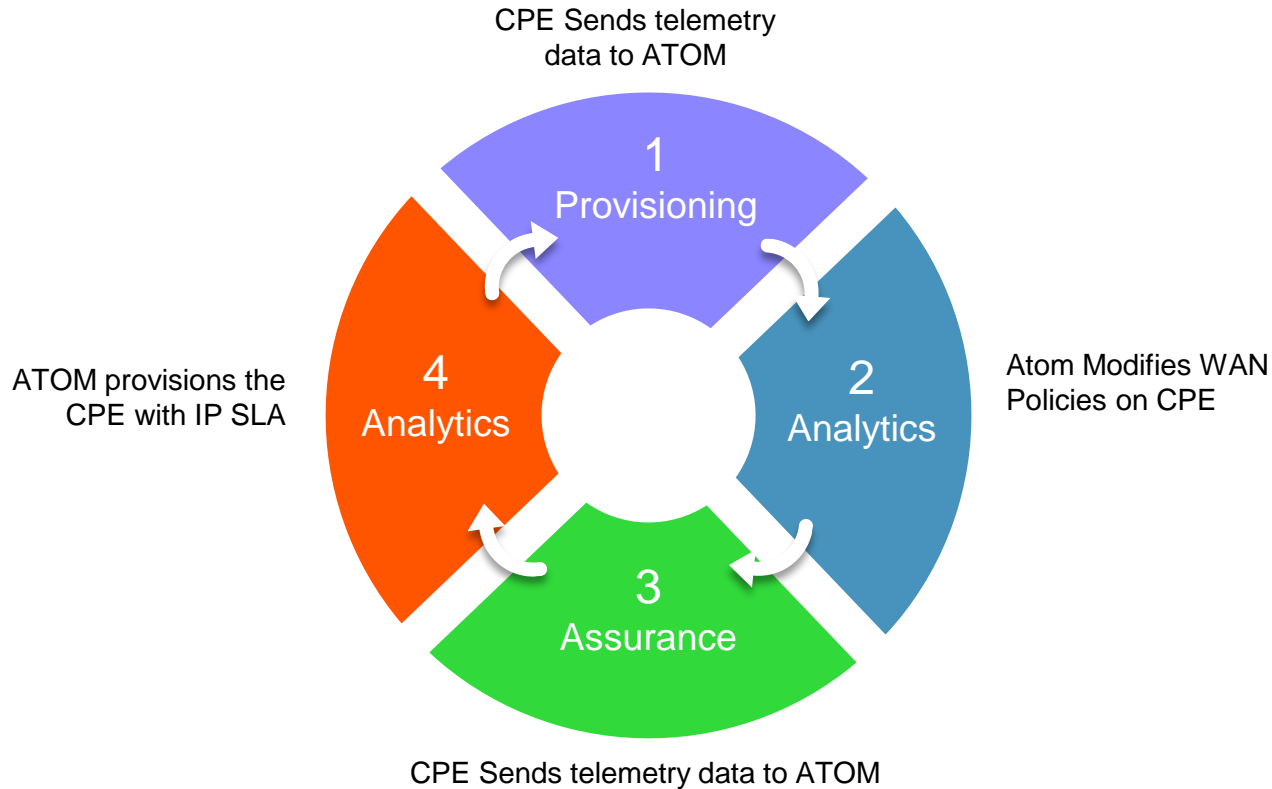
The Solution – Anuta ATOM



IZO™ SD-WAN driven by ANUTA ATOM



Feedback Loop at TCL powered by ANUTA ATOM



Anuta ATOM delivered ..



89%

Reduction in CPE provisioning time with ZTP



0%

Error rate during provisioning



Service Assurance

Analytics and Telemetry ensures 100% uptime



Open API

Helped integration to OSS/BSS/ITSM tools

Other benefits of ATOM

Closed Loop Automation

- Big Data , Analytics, Reporting, Machine Learning, Remediation and Assurance

Vendor Agnostic

- Support for 45+ vendors

Microservices

- Scales to Million + Devices

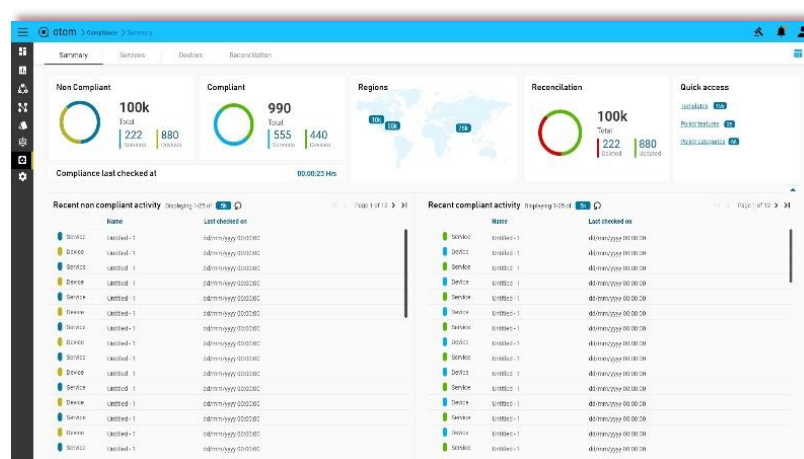
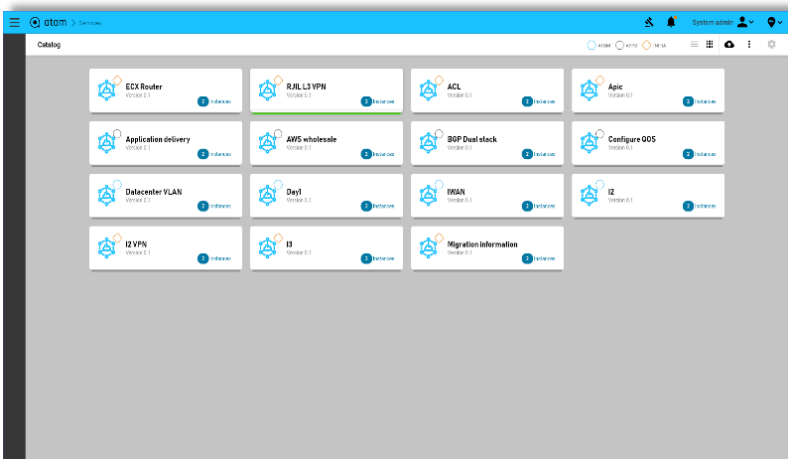
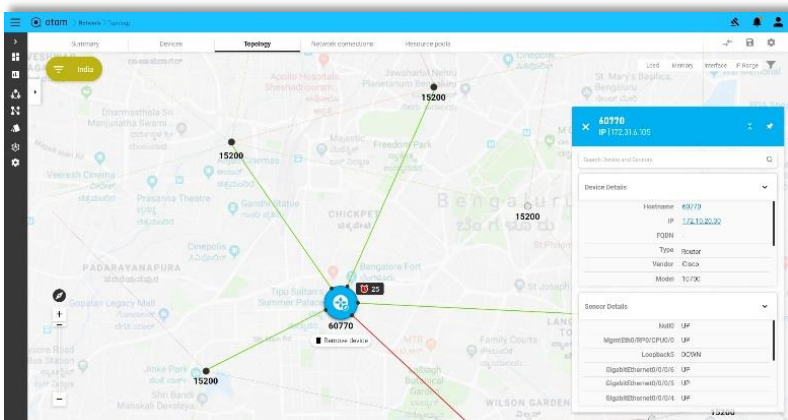
Cloud Ready

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

Multi-Domain Support

- SD-WAN, Branch, Campus, Datacenter

ATOM – Assurance, Telemetry, Orchestration for Multi-Vendor networks



For More Info...

TATA Communications – <https://www.tatacommunications.com>

Anuta Networks – <https://anutanetworks.com>