

# EDGILITY

## AGILE EDGE COMPUTE SUITE

*Bringing Automation  
to the Edge*

### Agile, Cost Efficient and Manageable IT Services Infrastructure at Scale

Business dynamicity and digital transformation have pushed both business resources as well as business users, outside the legacy IT perimeter. Business resources and services were virtualized and moved to the cloud. As the digital workspace evolved and business users require access to business resources from anywhere, anytime, more business resources are pushed to the edge of the network.

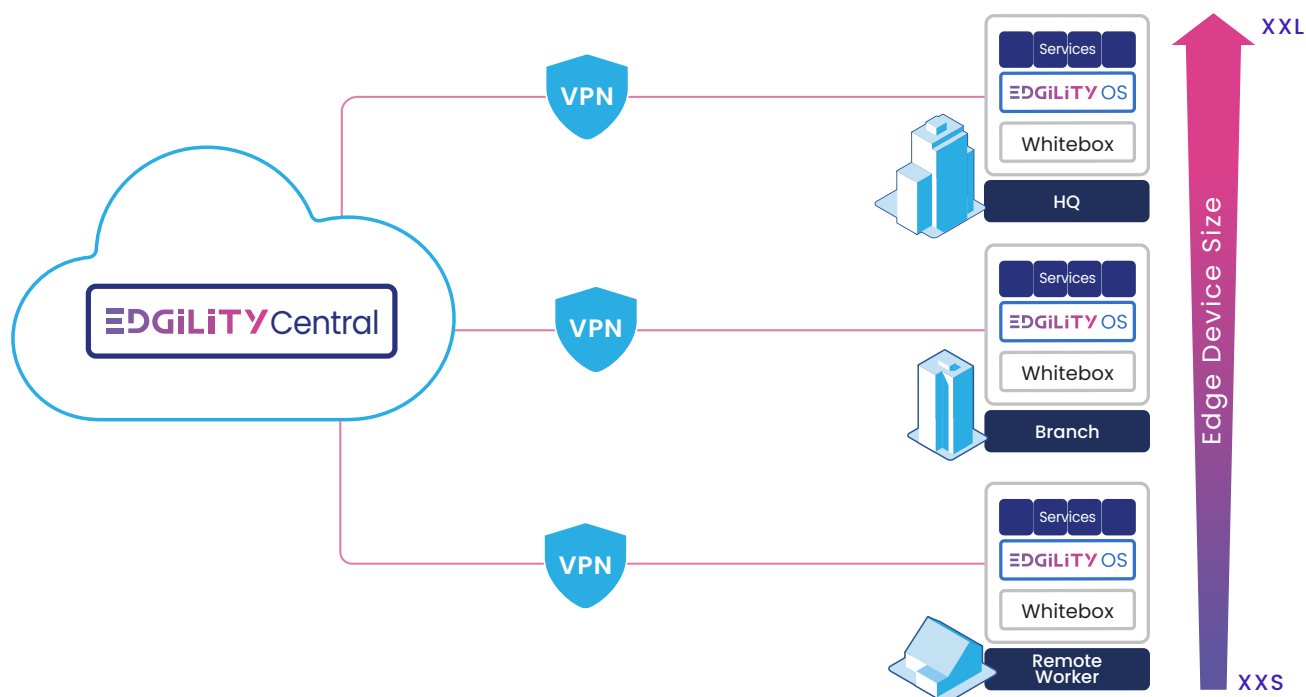
As digital transformation and business dynamicity are continuous processes, IT services infrastructure continue to grow. The complexity and cost of managing thousands of edge devices, each running multiple applications, connected to multiple CSPs at geographically distributed sites has increased exponentially.

To address these challenges and to enable an agile, cost effective and manageable infrastructure of IT services at scale, there is a need for an open edge compute suite that brings cloud-native environment to the network edge while reducing complexity and improving operational efficiency. This includes automation of edge device operation, administration and management (OA&M) to support enterprises' BYOD (Bring Your Own Device) and BYOApp (Bring Your Own App) requirements, secure remote management of edge devices, and centralized edge device monitoring that identifies potential issues before they escalate. Such an approach saves time and money, improves operations and maximizes uptime.

# Edgility – Your Competitive Edge

Telco Systems' Edgility is an agile edge compute software suite, providing IT teams with a 360-degree toolset for automating the deployment, operation and lifecycle management of thousands of edge devices and IT services across multiple branches, home and "mobile" offices connected via multiple network providers.

Edgility provides simple and intuitive operation and management of edge devices and services at scale. It simplifies deployment of any service, by creating a secure control layer for operation, management, and administration of edge devices and the application software they are running. Edgility enables you to select the solution components (HW and SW) that best fit the dynamic changes in business requirements and eliminates vendor lock-in.



## Edgility Central

Edgility Central is a powerful, Management and Orchestration (MANO) system that enables managing multiple edge devices, applications, network functions, and service policies across multiple sites via a single pane of glass. Using the 'point and click' Graphic Service Designer, users can easily configure connectivity, complex workloads and templates. Edgility Central can run on-prem in the datacenter, and in private or public clouds.

## Edgility OS

Edgility OS is a high-performance, small footprint operating system that turns any white-box into a fully operational edge device. Optimized for maximum resource utilization, Edgility OS delivers high throughput even on low-resource low power, and low carbon footprint white-boxes. Edgility OS supports hybrid virtualized and containerized services/applications from any vendor, allowing you to deploy and run multi-service workloads (service chaining).

Edgility supports automated deployment of edge devices at any location, secure remote management, and centralized edge device monitoring that identifies potential issues before they escalate. Such an approach saves time and money, improves operations and maximizes productivity.

# Designed to Increase Your Operational Efficiency

Edgility provides a complete toolset to manage edge devices and the services running on top of them.

## Features and Benefits



### Automated OA&M

- Automated and fast workloads design via point & click graphic service designer
- Zero touch provisioning (ZTP) of workloads on edge devices
- Plug & Play deployment of any application in minutes



### Efficient Management @ Scale

- Single pane of glass management
- Full life cycle management of tens of thousands of applications and edge devices
- Enforce corporate policies everywhere



### Full Visibility & Control

- Stay in control - out-of-band remote management via secure VPN tunnels
- Alarms and events dashboard - remote monitoring of edge devices
- to identify potential faults
- Remote troubleshooting - perform network tests from remote and decrease the meantime to repair (MTTR)



### Agile & Future Proof

- Cherry-pick the best tools available and keep your network up to date
- Vendor-neutral architecture runs any software on any hardware
- BYOApp (Bring Your Own App) - add new apps or change current ones (beyond secure SD-WAN)
- BYOD (Bring Your Own Device) - no vendor lock-in thus better management of supply chain

# Open, Vendor-Neutral

Being an open, vendor-neutral suite, Edgility lets you run any software on any whitebox (Intel or Arm based), providing an agile and future-proof solution that addresses the rapidly evolving IT needs. This ultimate flexibility eliminates vendor lock-in, allows to use best of breed offering and helps to cope with supply chain issues.

Edgility eco system includes variety of software and hardware vendors. In addition, you are free to bring your own device and virtualized / containerized apps.



## ABOUT TELCO SYSTEMS

Telco Systems is a leading vendor of innovative communications software products, for the new generation of edge computing and enterprise networks. Telco Systems enables global enterprises, communications service providers and system integrators to build and operate sophisticated virtual networks, with powerful edge devices, and endless application schemes. Telco Systems products are successfully deployed at large carriers and enterprises around the world, delivering a resilient, secured, and flexible connectivity between thousands of branches, and the cloud. For more information, visit [edgilityOS.com](http://edgilityOS.com) or [telco.com](http://telco.com).