

## **CIENA BLUE PLANET**

www.blueplanet.com/

#### VENDOR SNAPSHOT

#### PRODUCTS AND SERVICES

Ciena's Blue Planet Intelligent Automation is a decomposable suite of software products for automating operations of CSPs' multi-vendor networks. It can be configured by CSPs, SIs, and vendors to provide closed-loop service lifecycle automation. It includes:

- Multi-Domain Service Orchestration (MDSO) for intent-based automation and lifecycle management of network services.
- NFV Orchestration (NFVO), an extension of MDSO, that works with existing NFVI systems to instantiate VNF and CNF infrastructure
- Inventory (BPI) for federating operational data from multiple existing network inventory systems to create a single unified view of network resources and LOGICAL services.
- Route Optimization & Analysis (ROA), providing path-aware operational monitoring for trouble resolution of IP/MPLS-based services.
- Unified Assurance and Analytics (UAA) for service assurance across multiple physical and virtual domains. Integrates ML-assisted predictive analytics and closed-loop prescriptive capabilities.

#### **KEY STRATEGIES**

- Provide a suite of productized software components that work together, or separately, to allow CSPs, SIs, and NEMs to create scalable systems for domain control and cross-domain orchestration of existing and new network resources.
- Penetrate new accounts thru end-to-end orchestration, active federated inventory, or modern hybrid network service assurance, then expand to include the other domain control & orchestration functions in the suite.
- Partner with multiple network technology providers, including Ciena, providing domain control for their transport equipment and other network resources.
- Use a microservices architecture and deliver using DevOps processes as SaaS or on any private or public cloud provider.
- Expand to support 5G (and transition from 4G) and MEC support, including end-to-end slicing support.

### Key

#### Customers BT. COLT.

Comcast, Dish. Etisilat, M1, NEOS, Telefonica, Telstra, Vodafone. Windstream

Independent Ciena Division 2019 **Public** 

Blue Planet was spun out as an independent division of Ciena to support the IT and CSP markets with network automation software. independent of the vendor of the networking equipment. It integrates and extends the assets from the acquisition of Cyan in 2015, Packet Design in 2018 and Don River and Centina in 2019

Hanover, MD

- Ecosystem Gitlab & DevOps Platform
- DevOps Exchange for adapter development

# Global

#### **MYTAKE** ANALYSIS

- Blue Planet provides true multi-vendor support through the independent Blue Planet division, much more than offerings from other network resource providers. It is in the top 3 of end-to-end orchestration vendors and is seeing significant continued revenue growth in 2021.
- It is a technology leader in the network automation and orchestration market with a strong set of partnerships with CSPs, network resource providers, and SIs.