

VENDOR SNAPSHOT

PRODUCTS AND SERVICES

- Netcracker *Digital OSS* is a and expansion of Netcracker Hybrid Operations Manager (HOM), which provides digital services and hybrid physical/virtual network service orchestration and network orchestration with an end-to-end design, orchestration, management, and control suite.
- It provides:
 - Service ordering via a digital marketplace
 - Network planning
 - Service design, including multi-technology path computation
 - Resource provisioning of virtual and physical network resources
 - VNF/CNF license management
 - Service assurance monitoring and control
 - Automated addition of additional virtual network resources
 - Customer portal for enterprise customer information and control.
- Current implementations include most CSP use cases, including: optical, packet, optical/packet, SD-WAN, vRAN, & edge computing.

KEY STRATEGIES

- Provide a robust, fully cloud native cross-domain management system that works with other vendors' domain managers to provide multi-domain and cross-domain management. But it also has the ability to interface with legacy EMSs and directly to equipment, when needed.
- Create a large, robust ecosystem with other software and network infrastructure providers, including a self-service onboarding system and a library of interface available to its customers.
- As with other offerings, provide all of the software and services to CSPs to ensure successful implementations.

Key Customers

- Many Tier 1, 2, and 3 CSPs worldwide, including DT, Dish.

Founded
1993
NEC

Netcracker Digital OSS provides overall cross-domain management of multiple services and network technologies with a full cloud native solution.

Ecosystem

- Vendor DCO systems
- Vendor EMSs and network equipment
- Assurance OSSs
- Security OSSs

Formal partner program with strategic, preferred, & approved partners.

Waltham, MA



Wholly owned subsidiary of NEC

MYTAKE ANALYSIS

- The Netcracker Digital OSS is the market-leading cross-domain orchestration system for CSPs. It has won numerous awards and is the most-mentioned system by domain control vendors who have integrated their domain controllers into a higher-level cross domain orchestrator.
- The solution is implemented in nearly 100 sites, supporting a wide and expanding variety of network technologies and lists over 30 partners in its ecosystem
- The Digital OSS is well integrated into the Netcracker 2020 overall BSS/OSS solution.