



# Hybrid IT – Software-Defined Connected Infrastructure (SDCI)

Connectivity is fundamental to digital transformation and the network is a business critical component of any modern organization. Fujitsu’s Software-Defined Connectivity solutions bring the network into the world of Fast IT. They can connect clients anywhere, offer automation and orchestration with proactive monitoring to ensure the business stays connected.



## Service

### ■ Managed Network Services (Managed WAN, LAN, Wi-Fi, SD-WAN and Virtual Edge)

Today Managed Network Services are about zero touch provisioning and policy driven connectivity, this is revolutionizing the way networking is thought about. SD-WAN solutions allow enterprises to simultaneously use multiple networks (MPLS, broadband, 4G) to maximize cloud-based application performance and business productivity. With Fujitsu’s Virtual Edge solution it is possible to deploy network services with local applications anywhere in the world and have them instantly connect to cloud services over the Internet. There is no longer a need to wait for network connectivity and once deployed any solution can be completely changed without ever visiting the site where it is deployed. Fujitsu complement these new technologies with a deep understanding of how to design, configure, deploy and manage network services in a Hybrid IT environment. Fujitsu can also provide tailored end to end solutions for vertical markets that blur the lines between network and applications to bring fast IT to the WAN and the LAN. Underpinning all of this is an advanced network infrastructure designed to optimize the end user experience regardless of whether they are using public or private cloud services. Fujitsu bring all of this together with a highly automated management toolset that is able to offer a single pane of glass view of the global network, with customized dashboards so that Fujitsu’s customers can see at a glance how

well their network is performing.

This allows Fujitsu to provide an agile and reliable service independently of the underlying service provider services that it is delivered over.

### ■ Network Infrastructure Services

The new software defined and orchestrated network that has emerged means that existing infrastructure needs to be re-thought. Existing facilities such as data centers and communications hubs must change as the network flows change. New Points of Presence now need to be built to meet increasing demand for the edge computing capability that is needed to support the new IoT applications such as video analytics. The key to the development of these new infrastructures, is to apply technology to reduce power, space, and cooling required by networking equipment to overcoming the hostile environments where they are built. Fujitsu has a long history in the design and development of infrastructure to enable high speed network connectivity. Today Fujitsu is providing new flexible optical transport products that meet these challenges and is heavily engaged in industry initiatives such as the Central Office Re-architected as a Data Center (CORD) project. This brings together software defined networking, open optical transport and virtual networking in a compact and environmentally friendly solution.

## Products

### Network Software

The confluence of rich video content, Hybrid IT, IoT and ubiquitous broadband (either wireless or wirelines) are driving more data over the network while changing the service needs. Services were previously tightly coupled with the network, making service guarantees and operations relatively straight forward. Today’s over-the-top services create new requirements on service providers to innovate services faster, automate operations and create new insight to sustain quality of service. These requirements are driving a digital transformation in the Operations and Business systems, moving from legacy technology to cloud native architectures. Fujitsu provides network service management software that enables operation and management and quality assurance for next-generation networks, using technologies like Software Defined Networking, Network Function Virtualization, Microservices among others.

#### ■ Network and Element Management Software for Telecom Carriers

- FUJITSU Network Proactnes series
- FUJITSU Network Netsmart series

#### ■ Network Service Management Software for Enterprise

#### ■ Dynamic Resource Management Software

- FUJITSU Software ServerView Resource Orchestrator

#### ■ Network Operation and Management Software

- FUJITSU Software Systemwalker Network Manager
- FUJITSU Software Systemwalker Network Assist

#### ■ Network Service Management Software

- FUJITSU Software Systemwalker Service Quality Coordinator

#### ■ SDN/NFV Network and Control Software

- FUJITSU Network Virtuora series

### Network Products

Fujitsu supplies a comprehensive range of network products, including communications systems for carriers and network devices for enterprises. The former constitutes the backbone of our ICT-driven society, such as core networks, metro networks, and access networks. The latter is used to integrate internal networks within enterprises.

#### ■ Optical Networking

- FUJITSU Network 1FINITY open disaggregated platform
- FUJITSU Network FLASHWAVE packet optical platform

#### ■ High-end Router

- Fujitsu and Cisco CSR series
- Fujitsu and Cisco XR12000 series

#### ■ Optical Network Platform

- FUJITSU Network FLASHWAVE series

#### ■ Radio Access Network System

- FUJITSU Network BroadOne series
- FUJITSU Network FRX series

#### ■ Router

- LAN Switch
- Security
- Bandwidth Control
- Load Balancer
- IP Telephony
- Unified Communication