Verizon Network Services.

Empowering SAP cloud platform migrations.

Today's network – part traditional, part virtual and always critical – is more dynamic than ever. We are experts at helping customers transform, deploy, and adopt new services on a global scale. We support you at every stage, from advising and planning through implementation and integration, to providing ongoing management and incident response services.

As new technologies emerge and cloud capabilities become the norm, businesses are constantly looking for ways to modernize their network. But there are many moving parts when building your digital strategy, and keeping up with everything is no easy feat.

Verizon and SAP are partnering to create enterprise solutions that combine Verizon private networks and Edge Computing with SAP analytics, solutions, and edge services to enable real-time business processes that use information, actions, and events the moment they occur. Our expertise is in helping customers (including SAP) transform, deploy, and adopt new services by migrating their business operations safely and securely to the cloud.

With Verizon's Network Professional Services, you get in-depth support to align your network implementations with business objectives. We offer services across a wide spectrum of technologies at various stages of the development cycle, giving you the technical expertise, oversight, and guidance you need to build a network environment for the demands of today and the needs of tomorrow.

The SAP and Verizon partnership supports customer innovation and transformation efforts by: accelerating SAP cloud migrations, delivering innovation for the Intelligent Enterprise, and helping usher in the Fourth Industrial Revolution by enabling massive steps forward in connected devices and automation.

SAP S/4HANA: digital transformation to an Intelligent Enterprise.

SAP S/4HANA is a key component of digital transformation in SAP's Intelligent Enterprise Framework, offering increased efficiencies and simplified processes. However, migration to cloud raises the concerns about data security and privacy. Hidden complications can make successful SAP cloud migrations more difficult.

Capacity planning
- The right-sized pipes in the right places

Routing architecture
- Geography based routing
- Multi-carrier implementations
- Dependable & deterministic fail-over

Transient routing issues
- Routing from one cloud provider to another in a hybrid environment

Security Implications
- Segmentation of public cloud platforms from private network

Application Performance Monitoring (APM)
- Ensuring consistent performance pre- and post migration
- Long Fat Network (LFN) throughput tuning

It is important to factor in intelligent controls and security practices in order to reduce risk. The migration path should have a cybersecurity framework that includes an assessment and governance plan for:
- Cloud risk
- Mobility risk
- SAP configuration management
- Critical functions
- SAP technology stack

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The key steps in defining the network transformation journey.

Building the Intelligent Network for SAP /4HANA migration:

1. Develop a flexible hybrid (public and private) IP architecture with application aware routing
2. Extend the IP network to cloud and partner ecosystems
3. Virtualize and orchestrate edge network functions
4. Proactively monitor the end-to-end user and application experience
5. Move to next-generation wireless Local Area Network (LAN) with Artificial Intelligence, analytics, and location-based services
6. Begin to manage the network like software with NetDevOps

Why Verizon.

- Verizon has been providing the critical infrastructure and solutions to tie enterprise businesses to their customers for more than 25 years, working closely with all major Cloud Service Providers to increase our customers' innovation capacity through managed services delivery
- A network leader with award-winning wireless networks, expansive, reliable global IP and fiber infrastructure
- Deep technical expertise, industry knowledge, and specialized skills in Cloud Migration, Networking, Security, Communications, Collaboration and IoT
- A trusted digital transformation advisor, offering flexibility in operating models, maintenance and professional services to help clients with a successful SAP S/4HANA migration
- We're recognized by industry analyst firm, Gartner, as a Leader in the current Gartner Magic Quadrant reports for 2020 Network Services, Global[1], 2020 Managed IoT Connectivity Services, Worldwide[2], and 2019 Managed Security Services, Worldwide.[3]

Learn more:

To learn more about our professional services for SAP, contact your business representative.

Verizon Advisory and Consultancy Services

Network Services

Strategy: We collaborate, understand, research, and leverage the right expertise to meet the long-term needs of our customers

- Workshop & Current State Assessment
- Strategy Option Planning
- Strategy Development
- Roadmap Development

Discovery, Design & Planning: We align desired business outcomes to future network applications and processes

- Network Consulting
- Application & Network assessment
- Network Discovery and Audit
- Data Analysis
- App Dependency Mapping
- Backup/Restore Design
- Project Planning

Implementation & Integration: We have proven experience in complex delivery, and partner with our clients from end to end

- Secure Cloud Interconnect, MPLS
- Software Defined Wide Area Network (WAN)
- Virtual Network Services
- WAN, Wireless
- Testing Support (Functional & UAT)
- Environment Go-Live
- Knowledge Transfer / Transfer To Operations

Security Services

Protection against today's threats and preparation for tomorrow's.

- Security Assurance
- Cyber Defense
- Incident Response & Recovery
- Managed Security Services
- Network Detect & Response
- Threat Intelligence services
- Cyber Risk Program

Outcomes & Business Values

- Digital Transformation
- Program management / Governance

1 Gartner, Magic Quadrant for Network Services, Global. Published: 20 February 2020 Analyst: Neil Rickard | Bjarne Munch | Danellie Young .

2 Gartner, Magic Quadrant for Managed IoT Connectivity Services, Worldwide. Published 12 December 2019. Analysts: Pablo Arriandiaga | Eric Goodness | Leif-Olof Wallin | Jonathan Davenport

3 Gartner, Magic Quadrant for Managed Security Services, Worldwide, Toby Bussa, Kelly M. Kavanagh, Sid Deshpande, Pete Shoard, 2 May 2019. Gartner does not endorse any vendor, product or service depicted in our research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

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