



PRODUCT SHEET

# NetWorks in the cloud



Octave NetWorks (formerly HxGN NetWorks) in the cloud is a fully managed SaaS geospatial asset management solution for utilities and telecommunications. It provides all the features and functionality of an on-premises solution, with the convenience, security and multicore processing power of cloud architecture.

NetWorks in the cloud is bundled together with Oracle as the cloud provider for the fully managed solution. It is also available as a hybrid solution with Microsoft.

**Octave is the only vendor with a fully managed SaaS solution.** It delivers all the features and functionality of a geospatial asset management system combined with the security, scalability and resilience of a cloud solution.

## Why move to NetWorks in the cloud?

Many utilities and communications companies are adopting cloud-based as-a-service models to reduce capital expenditures and increase operational agility. NetWorks in the cloud allows them to access advanced software and infrastructure without having to invest in expensive hardware or software licenses.

The utilities and communications industry is one of the most heavily regulated when it comes to cybersecurity. NetWorks in the cloud offers security and compliance features such as identity and access management, encryption and threat detection, which can help protect data and systems from cyber threats.

Smart grid technologies enable utilities and communications companies to monitor and manage their networks more efficiently, driving the need for cloud-based infrastructure. NetWorks in the cloud allows them to store and analyze large amounts of data generated by smart grid devices and make more informed decisions about network operations.

A turnkey solution that includes the database, installation and configuration, NetWorks in the cloud reduces deployment complexity and can be up and running quicker than on-premises systems.



## Benefits

NetWorks in the cloud delivers all the benefits of the NetWorks portfolio:

- **Industry-specific technology:** Built specifically for utilities and telecommunications providers
- **Market-tailored solution suites:** Features pre-packaged modules for electric, gas, water/wastewater, multiutility and fiber networks
- **Fully digital product:** Provides a paperless solution
- **Unified inventories:** Delivers a single source of truth for a physical network, topology and assets
- **Integrated workflows:** Integrates easily with other systems via its composable, API-first architecture
- **Accurate digital twins:** Ensures robust modeling for network planning and data quality for network design
- **Cross-functional capabilities:** Supports inside plant (ISP) and outside plant (OSP) functions
- **Versatile delivery methods:** Supports field-to-office work via desktop, web and mobile support
- **Experienced partner:** Leverages Hexagon's more than 45 years of relevant industry experience

And additional benefits, including:

- **Security:** Take advantage of cloud providers' heavy investments in security, compliance and data protection and reduce risks from cyber threats, data breaches and other security vulnerabilities through features like encryption, access control and threat detection and response

- **Cost effectiveness:** Reduce IT infrastructure costs, such as hardware maintenance, software licensing and data center management.; cloud services also often offer pay-as-you-go pricing models, which can help reduce capital expenditures and manage operational costs more effectively
- **Flexibility:** Work from anywhere, on any device, as long as there is an internet connection; work remotely or collaborate with partners and customers from different locations, to improve productivity and efficiency
- **Scalability:** Scale operations up or down depending on demand, without having to invest in expensive hardware or software, and quickly adapt to changing market conditions or customer needs to stay competitive
- **Connectivity:** Connect to your most current and accurate data and necessary systems from a single source of truth to make important decisions quickly and correctly
- **Reliability:** Access real-time data and fully automated disaster recovery processes to reduce downtime and small delays often unseen by end users

Explore [Octave NetWorks](#)

## About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property, and assets— for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency, and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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