Top advantages of managing your network in the cloud

1. Keep your data secure

Cyber threats and data breaches are on the rise. Cloud providers invest heavily in security, compliance and data protection, which helps keep data and infrastructure safer and reduces other security vulnerabilities. Have peace of mind knowing you maintain full control and ownership of your data while it resides securely in the cloud.

2. Reduce costs

By moving to the cloud, utilities can 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.

3. Achieve connectivity with a digital twin

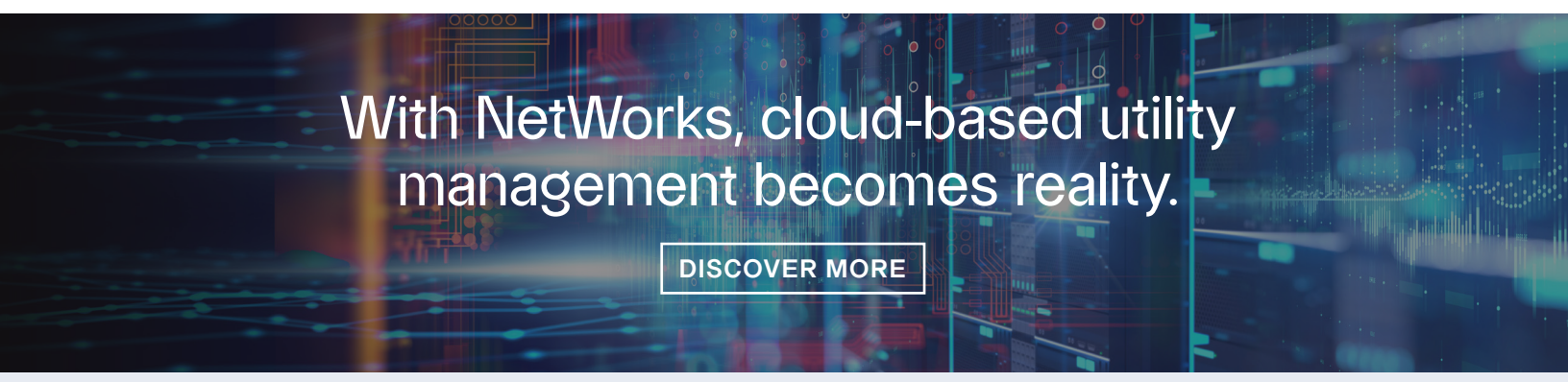
Leverage one of the most critical asset management tools available – a digital twin. With digital twin technology in the cloud, visualize assets and make faster, smarter decisions throughout the entire asset lifecycle and achieve connectivity by sharing your entire network inside and outside your organization.

4. Scale up or down as needed

When utilities and telcos invest in hardware and technology, they must ensure coverage for peak customer usage, even though these peaks are intermittent. This often results in overinvestment. Cloud architecture, however, is engineered to accommodate fluctuations in demand, scaling up during peak times and down during lower usage periods.

5. Realize sustainability goals

We must all pitch in to save our planet. When utilities and telcos overinvest in on premises solutions for peak usage or big events, they also commit to maintaining and running them (not the most environmentally responsible practice). A cloud-based approach allows for the use of only what's needed, meaning companies can conserve energy and operate more sustainably.



6. Stay connected

Work from anywhere, at any time, on any device, connected or not. Octave NetWorks allows you to work remotely from different locations, even while disconnected in the field. All users access a unified dataset, ensuring accuracy and efficiency. This single source of truth empowers faster, better decision-making.

7. Operate, uninterrupted

Enjoy hassle-free software and database upgrades, completed seamlessly behind the scenes. Stay effortlessly up to date with the latest versions, without the heavy IT workload of manual upgrades on every device.

8. Rely on a fully managed SaaS solution

This fully managed cloud SaaS solution provides backups and disaster recovery with 99.5% availability. Rest assured, NetWorks is purpose built for utilities and telcos. Avoid generic GIS platforms with costly, non-scalable customizations from third-party companies attempting to accommodate and adapt to your needs.

9. Partner with a utilities and communications leader

Octave has provided solutions for utilities and telcos for more than 40 years, and NetWorks enables reliable networks for more than 1 billion consumers around the world.

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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