Enabling the utility of the future today

Utilities are under more pressure than every before, needing to modernize their aging infrastructure and incorporate new sources of power. Utilities and energy companies need to improve service reliability while balancing generation from more intermittent sources of renewables which requires dynamic forecasting that can only come from real-time data, automation and more control in the next era of grid modernization--**and these advancements cannot be made without an upgrade to next generation communication and data infrastructure.**

Industry challenges:

- **Aggressive Decarbonization Goals**
- **Cyber-Security Risks**
- **Increasing Demand for power**
- **Reducing Power Outages and Impact**
- **Worker Safety & Productivity**
- **Grid Balancing**
- **Grid Sparked Fire Risks**

Do what matters

Avanade's Any G networking services help utilities drive safer, cleaner and more reliable power at reduced costs.

Improved resiliency and reliability.
With a 67% increase in power outages due to storms, utilities need real-time, accurate data to restore power.

Renewables.
New bi-directional power flow requires data and situational awareness to support DERs and keep crews and customers safe.

Worker safety.
Information to crews must be accurate and delivered in real-time.

Asset management.
Many assets on the grid are aging. Real-time asset health data ensure improved maintenance before equipment fails.

Avanade's 5G-enabled industry solutions, combined with Avanade's private wireless network as a service, simplify connectivity across wireless networks to seamlessly integrate data into your systems and improve data security, visibility, and business speed. These services enable the adoption of next generation connectivity using Microsoft PMEC.

Leveraging our deep experience in managed services, we help our clients improve operational efficiency and business resilience. We enable new business opportunities and experiences with 5G on your own terms by providing and managing a reliable, secure, fully connected network for your applications, from cloud to edge, and a single point of control across all devices and networks.

Avanade's network managed services platform enables utilities and energy companies to segment networks for different use cases and support private cellular on their own terms - any G, radio network all within Azure - sitting behind the firewall so your security architecture remains unchanged.

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Do what matters

Gain the benefits of 5G (or "any G") on your own terms

End-to-end data path protection and control across all networks, Azure, SIMs and enterprise segments.

Deployed inside your firewall to become an extension of your corporate security architecture.

Quality of Services (QoS) provides the ability to configure end-to-end and dynamically change priorities based on situation or end user needs.

Manage all wireless as one with the ability to deploy, provision and manage services and devices across all wireless networks.

No matter which generation of wireless - 4G, LTE, 5G or "any G" - works for your organization, there are clear business benefits to be realized. As a founding member of the 5G Open Innovation Lab, Avanade can help you identify these opportunities and start taking advantage. 5G-enabled industry solutions, combined with Avanade's public and private network as a service, simplify connectivity across wireless networks to seamlessly integrate data into your systems and improve data security, visibility and business speed.

Operational efficiency　　**Increased resilience**　　**New business opportunities**

Learn more by visiting https://www.avanade.com/technologies/5g

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Do what matters

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