



# HxGN NetWorks Framework | Foundation

Utilities and communications companies face many challenges – from evolving sustainability standards to heightened customer expectations, to demands for safe, reliable services at the lowest possible rates. Flexible solutions built to adapt rapidly to change are a critical key requirement for successfully meeting these challenges.

HxGN NetWorks is a fully digital GIS-based asset management solution specifically built for utilities and telecommunications. It allows companies to design, build, manage and get the most value from their physical networks while they modernize and adapt to the new engineering and operations reality driven by distributed energy resources (DERs) and demand for fiber.

Part of the HxGN NetWorks portfolio, **HxGN NetWorks Framework | Foundation** is a fully customizable web portal that unlocks engineering and operations data and allows internal and external users to consume and act on it via a browser.

## Benefits

- **Increased data availability for cost and time savings:** Make data consistent and available across the enterprise and beyond – without the need to replicate it in warehouses or data lakes – eliminating multiple copies and differing versions

- **Streamlined workflows for increased efficiency:** Use built-in workflow engine in HxGN NetWorks to create discrete applications that are built-for-purpose to address specific requirements
- **Assured data quality for better decision-making:** Capture data and rely on the underlying data validation, rules and logic in the HxGN NetWorks model to ensure it is high quality
- **Enhanced data security for quality assurance:** Control access to data by assigning roles and manage security down to the attribute or function level
- **Quick display of multiple data types for a more realistic view:** Easily integrate and mash up HxGN NetWorks data with other enterprise data (e.g., load data from AMI, third-party data sources like Google Street View or lighting strike data) and display it quickly thanks to low-code configurations

## Configurable applications

With a low-code framework used to configure discrete advanced applications for a variety of users, Foundation can leverage multiple digital datasets to create secure, high-quality applications that can be shared across an organization.

Foundation's default, out-of-the-box portal configuration – NetWorks Explorer portal configuration – provides fully

