

Overview

District Energy companies centrally generate and distribute heating and cooling energy in the form of hot water, steam and chilled water to commercial and residential buildings in high population-density areas around the world.

District Energy shares the generation and distribution infrastructure among many customers, enabling a highly efficient energy delivery system, lowering heating and cooling bills for buildings and reducing the amount of pollution created to provide energy to large areas.

District energy systems often cover large areas, starting from the generation plant, through distribution pipes and heat exchangers, into customer buildings connected to the system. Many of these systems have been around for 60+ years, and rely on manual processes to collect meter readings, and perform routine maintenance. This inefficient method of collecting data is expensive, slow, and prone to human error. In addition, customers are provided with very little information about their energy usage, and presented with a monthly invoice with little data to help them understand their usage.

By providing real-time and historical data to customers, District Energy companies can play an active role in energy efficiency strategies, and easily show the cost benefits of choosing District Energy systems over on-premise solutions.



DeviceLynk for District Energy Companies:

DeviceLynk provides District Energy companies with a solution that provides information and delivers value to customers, generation plant staff, management, and mobile workforces.



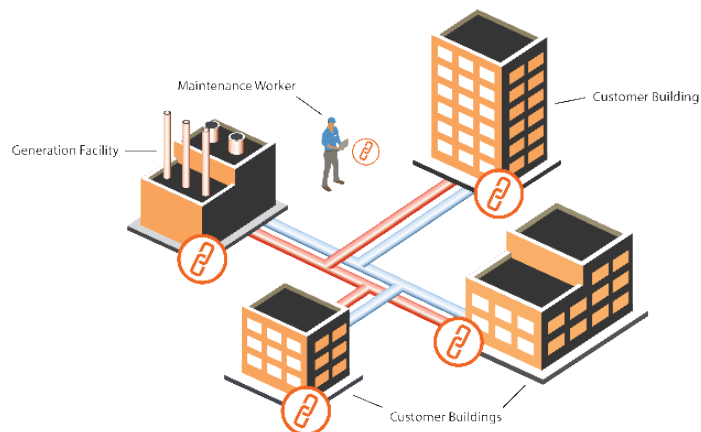
Generation plant staff can quickly view run-time information outside of the plant walls, without risk of affecting production.



Mobile maintenance staff have detailed information about customer sites and building systems from a single dashboard, enabling them to make more informed customer visits and recommendations towards energy efficiency.



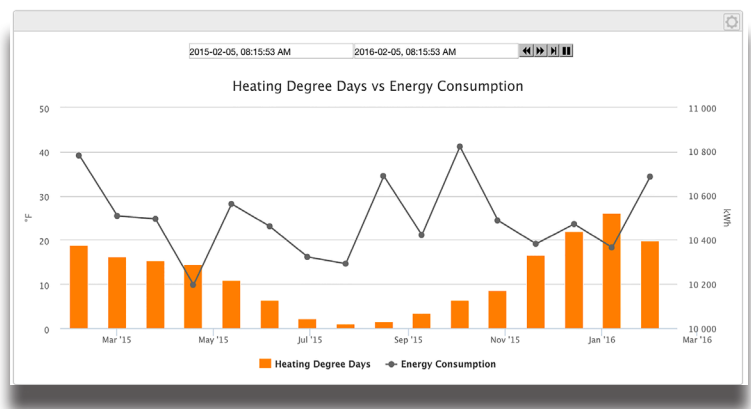
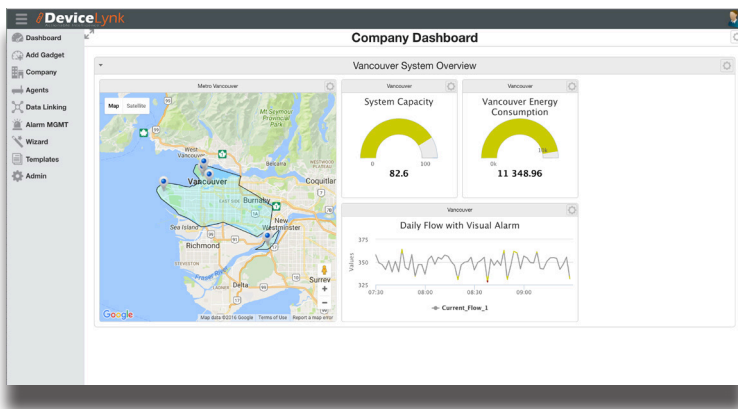
Customers can view real-time and historical information about their current energy usage, in a context that makes sense. Further, they are empowered with data when making capital investment decisions for energy efficiencies. Allow customers the ability to remotely view all aspects of their energy usage.



Features:

DeviceLynk offers a complete solution for district energy, dashboarding data from generation facilities, flow & energy meters, and buildings, to provide on-demand, Actionable Intelligence from any connected device.

- Transforms ordinary data into Actionable Intelligence with graphical dashboards
- Deploy from pre-defined dashboard templates with District Energy specific widgets that provide immediate value – or build your own custom view for customers and operations
- Relate information from environmental data, industry benchmarks, and customer building automation systems
- Complete Automated Meter Reading (AMR Infrastructure) for advanced reporting and billing
- Quickly modernize existing infrastructure extending useful life of capital investments.
- Connectivity to Building Automation Systems with 200+ industrial protocols



Delivering Actionable Information

Rather than receiving a bill at the end of the month, DeviceLynk provides customers of district energy and their building managers with informative dashboards that update in real-time, allowing for increased insight into energy usage:

- Real-time and historical energy usage dashboards
- Integration with Building Automation System promotes greater understanding of building operations, and areas that can be improved for greater efficiency
- Greater insights into costs variations due to various internal and external factors
- Accurate, automated billing provides building management with more detailed information when making decisions regarding purchase of capital equipment upgrades
- Cloud-hosted, software-as-a-service application requiring no IT infrastructure

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