



CITY OF NEW PORT RICHEY

Secure Remote Access and Management of Operational Network

The following offering will provide a method for secure remote access to City of New Port Richey's critical water and wastewater infrastructure systems. In addition, network monitoring of operational assets will promptly provide alerts related to communication issues and direct personal to the source for minimizing downtime.

SIEMENS

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Secure Remote Access

Secure remote access is essential to servicing, diagnosing, and monitoring equipment remotely. This technology serves as the first line of evaluation – allowing engineers and technicians to access systems from remote locations before travelling to site. Secure by design, the VPN based connection provides secure access to only those with the proper credentials.

SINEMA Remote Connect

SINEMA Remote Connect (SRC) is the Siemens solution for remote access. The offer includes a server hosted through Siemens on secure and reliable servers that will provide access even in times of local IT system failure or lockdown. The SRC system works with secure VPN end point devices also included in the offer. Cellular enabled remote connectivity devices were selected to enable remote connectivity to the water and wastewater systems in times when access through traditional IT mechanisms are unavailable.

The offering includes:

- Hosted SRC server, client, licenses, setup fees, and training (Siemens Cloud Based quote – 001, 002, 003, 005, 006, 007, 008)
- VPN Cellular end devices (LS Security, Waste Water Security, and Water Security quotes)
 - o Hardware
 - o Data packages
 - o Setup fees

Network Management System

Network Management Systems provide centralized management, backup, monitoring, and configuration of networking devices. This system allows engineers and technicians to quickly evaluate the health of the operational network, receive alerts in the event of communication issues, and quickly diagnose communication issues to minimize operational downtime. In combination with secure remote access, the health of the operational network can be monitored remotely by those with proper authorization.

SINEC Network Management System

The Siemens SINEC Network Management System (NMS) is the Siemens solution for operational networking management. The offer includes a server that will be utilized to manage and monitor the health of the water and wastewater communication networks. The NMS can provide alerts to configured users of communication issues in the network for fast response times. Furthermore, backups of the configuration and security configurations in the network are stored centrally for easy access and restoration of network operation in event of device failure.

