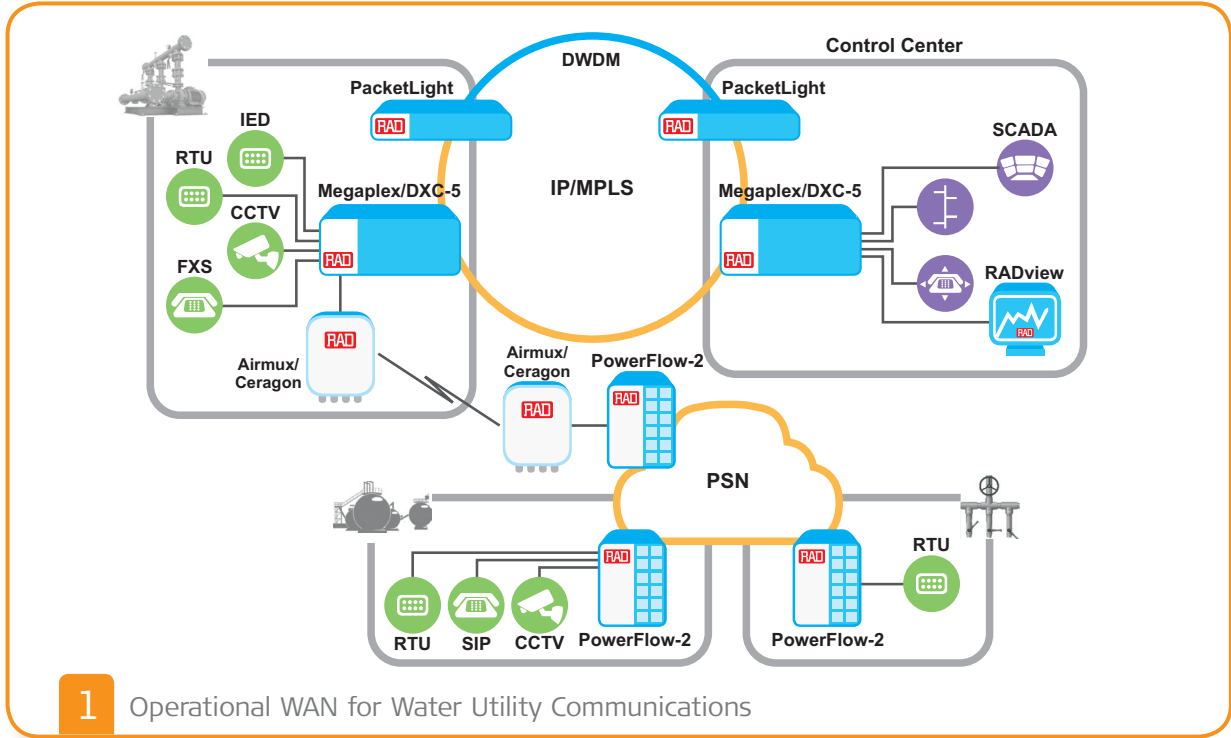




Water Utility Communications

Application Brochure

Service Assured Networking Solutions



Your Benefits:

- Cyber-secure SCADA connectivity for water monitoring and automation devices, sensors, pumps, surface and groundwater availability tracking devices, etc.
- Supports all communication needs, including SCADA protocols, voice and new packet services (CCTV, VoIP, etc.)
- Multiservice aggregation for any transport network, including SDH/SONET, IP/MPLS, MPLS-TP, CE and OTN/DWDM
- Point-to-point and point-to-multipoint radio system supports up to 750 Mbps over sub-6 GHz bands, with dedicated bandwidth allocation per site and service reach of up to 120 km (74.5 miles)
- Complies with environmental standards for outdoor installation in harsh conditions



Megaplex-4
Next-Generation Multiservice Networking Node



Ceragon/Airmux
Wireless Transport Platform



DXC-5
High Capacity Hybrid Cross Connect



PowerFlow
Managed Ruggedized Ethernet Switch with Power over Ethernet



PacketLight
Complete Solutions for WDM/OTN and Dark Fiber Applications



RADview
Management and Domain Orchestration

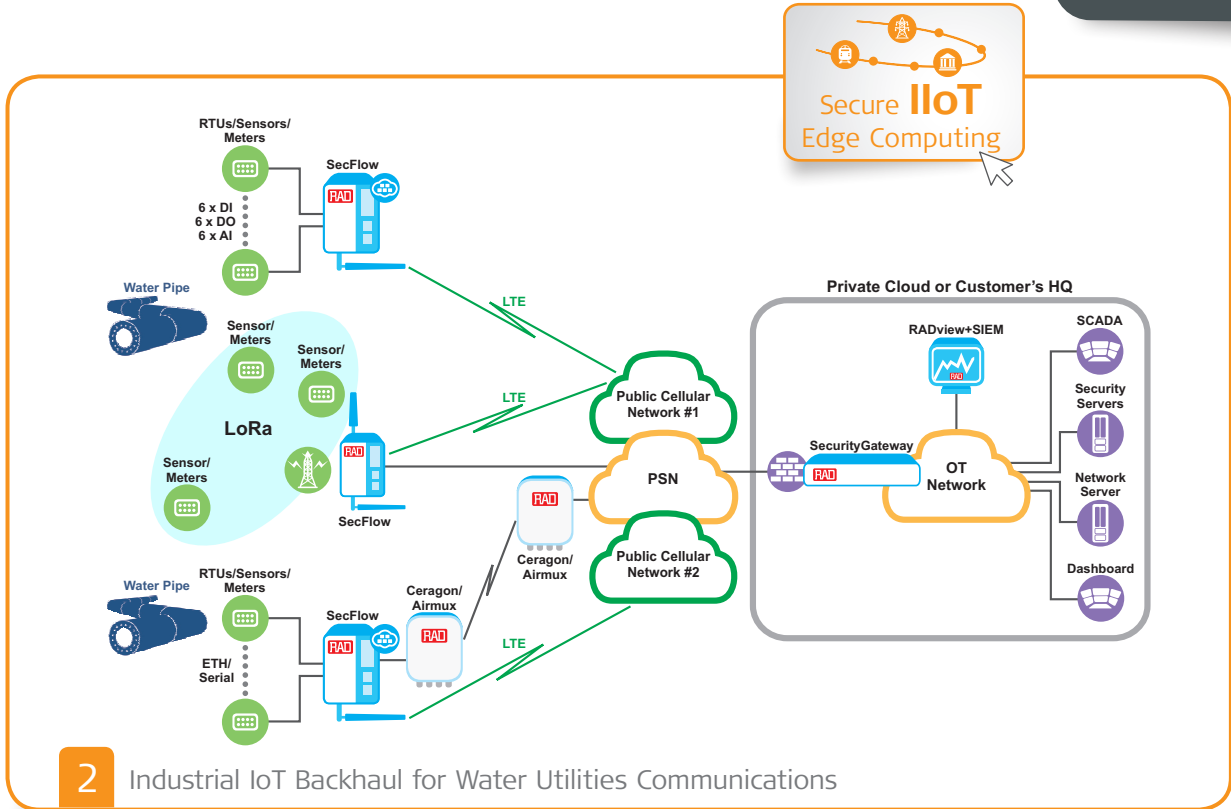




Water Utility Communications

Application Brochure

Service Assured Networking Solutions



2 Industrial IoT Backhaul for Water Utilities Communications

Your Benefits:

- A comprehensive and secure solution addressing communications for water monitoring and automation devices, sensors, pumps, etc.
- Integrated IEC 61131-3 RTU/PLC
- Integrated LoRaWAN gateway
- Virtual environment for user-tailored applications allows customers to add new applications on top of SecFlow devices
- Zero-touch provisioning, enhanced cyber security (IPsec, PKI, FW, IDS/IPS, SIEM)
- Seamless communications over fiber optics, radio links, 2G/3G/LTE, private cellular links, and leased lines from a telecom service provider
- Secure remote access for end-user device management
- Transparent delivery of SCADA, protocol conversion and terminal server
- Point-to-multipoint radio connectivity supports high capacity mission-critical traffic over licensed and unlicensed sub-6 GHz bands



SecFlow
Industrial IoT Gateway with Programmable Logic Controller LoRaWAN Server



SecurityGateway
VPN Aggregator, Router and Firewall



Ceragon/Airmux
Wireless Transport Platform



RADview
Management and Domain Orchestration

