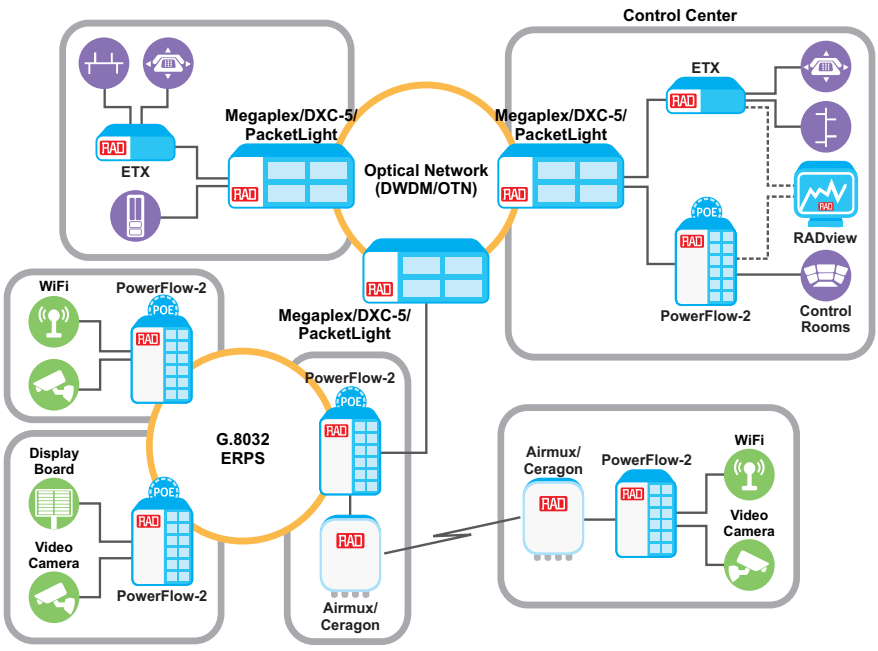
Government

Smart City Communications

Application Brochure

Service Assured Networking Solutions



1 Operational WAN for Smart Cities

Your Benefits:

- Provides a comprehensive solution for all Smart City communications
- Connect security cameras, WiFi access points, display boards, meter concentrators, and other sensors in urban and rural areas over fiber optics and wireless radios
- Central management to provision and control the communications network
- Long-distance fiber optic private network backbone with OTN/DWDM multi-tunneling at rates of up to 100G
- Secure connectivity over public/private networks
- Turnkey deployment solutions by RAD for Safe City and including communications, video surveillance and analytics systems, cameras, and sensors
- G.8032 Ethernet Ring Protection Switching (ERPS) and PoE support

Megaplex
Next-Generation Multiservice Networking Node

DXC-5
High Capacity Hybrid Cross Connect

PowerFlow
Managed Ruggedized Ethernet Switch with Power over Ethernet

Ceragon/Airmux
Wireless Transport Platform

PacketLight
Complete Solutions for WDM/OTN and Dark Fiber Applications

RADview
Management and Domain Orchestration

RAD
Your Network's Edge

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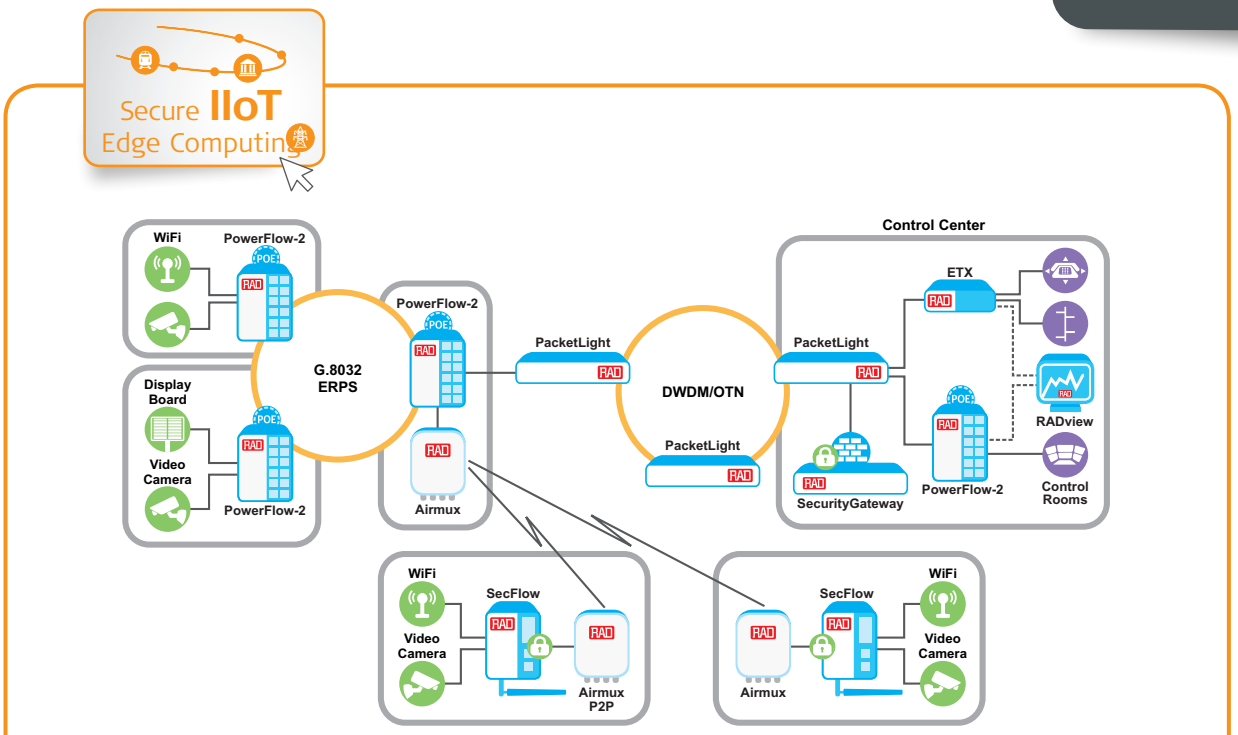

2 Industrial IoT Backhaul for Smart Cities

Your Benefits:

- A comprehensive communications solution for CCTV cameras, WiFi access points, sensors, payment kiosks, etc.
- Integrated LoRaWAN gateway
- Ruggedized devices for outdoor installations
- Virtual environment for user-tailored applications allows customers to add new applications on top of SecFlow devices
- Seamless communications over fiber optics, radio links, 2G/3G/LTE cellular links, and leased lines
- Zero-touch provisioning with enhanced cyber security (Integrated IPsec, encryption, stateful firewall, SIEM)
- Secure remote access for end-user device management
- Transparent delivery of legacy traffic from serial-based devices
- Local video recording
- Point-to-multipoint radio connectivity supports high capacity mission-critical traffic over licensed and unlicensed sub-6 GHz bands

SecFlow-1v, SecFlow-1p
Industrial IoT Gateway with Edge Computing

PowerFlow
Managed Ruggedized Ethernet Switch with Power over Ethernet

Ceragon/Airmux
Wireless Transport Platform

RADview
Management and Domain Orchestration

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Catalog number 802710 Version 03/21

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