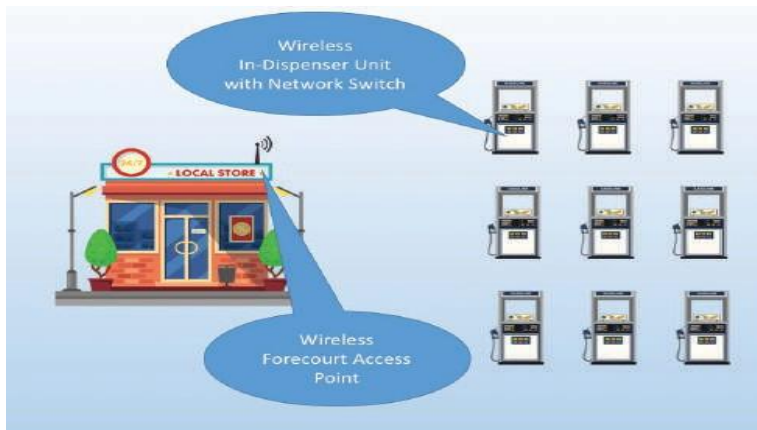The Allied Wireless Forecourt Access Point and In-Dispenser Subscriber Unit offer secure and reliable local wireless networking connectivity to fuel dispensers and in-dispenser card readers. In addition to the wireless local area network, a secure managed switch has been integrated into the unit to connect additional fuel center devices including your point-of-sale system, merchant service gateway, and forecourt controller.

The SC1015AP and SC1010SU utilize wired and wireless networking communication. These EMV solutions for fuel centers eliminate the need to excavate and re-wire the forecourt or rely on a questionable workaround using existing wiring. Transmissions utilize a proprietary protocol combined with encryption technology and segmented networking for a truly secure connection.

These units interface directly with major fuel dispensers, retail POS systems, and forecourt controllers – providing ample bandwidth for premium forecourt solutions such as video and other interactive customer engagement. Allied Wireless provides EMV and PCI compliance today and sufficient bandwidth for the enhancements of tomorrow.

Convenient	Secure and Reliable	Lower Cost	Technology
• Plug and play Wireless Ethernet • Transactions at IP-speed • Ample bandwidth for HD media solutions (300 Mbps)	• EMV compliant to secure payment transactions • Network segmentation with payment on an isolated secure channel • PCI Compliant proprietary encrypted protocol • Trusted by major retailers	• Reduced construction costs, labor costs and shut-down costs • No Digging or Downtime	• Maximum Power Wireless Ethernet at 5GHz • Proprietary RF Protocol for extreme reliability • Integrated Cloud Managed 4 port VLAN switch • Layer 3 network traffic shaping

ORDERING INFORMATION		
SC1015-AP	Wireless Forecourt Access Point	MSRP $795
SC1010-SU	Wireless In-Dispenser Unit with Network Switch – Gilbarco / Wayne / Bennett	MSRP $795
SC1008-ANT	External Antenna for AP or Pedestal terminal. Includes 8 ft cable.	MSRP $145

Technical specifications

CHARACTERISTIC	SPECIFICATION/DESCRIPTION
Ethernet throughput	Up to 300 Mbps
Cloud Managed VLAN Switch	4 Port Ethernet
Output Power	4 Watts EIRP with 6 dBi omnidirectional antenna
RF channels	9 Non-Overlapping with 20 MHz Channel Bandwidth
Range	Up to 3/4 of a mile
Data Security	256-bit AES with certificate authentication
Operating Environment	-40°F to 140°F
Transmitter	Forecourt optimized proprietary TDMA wireless protocol (not Wi-Fi)
Power System	Includes a power adapter cable for 24 VDC In-Dispenser power
Warranty	1 Year Parts Warranty
Certified to UL Standard 1238	Control Equipment for Use with Flammable Liquid Dispensing Devices