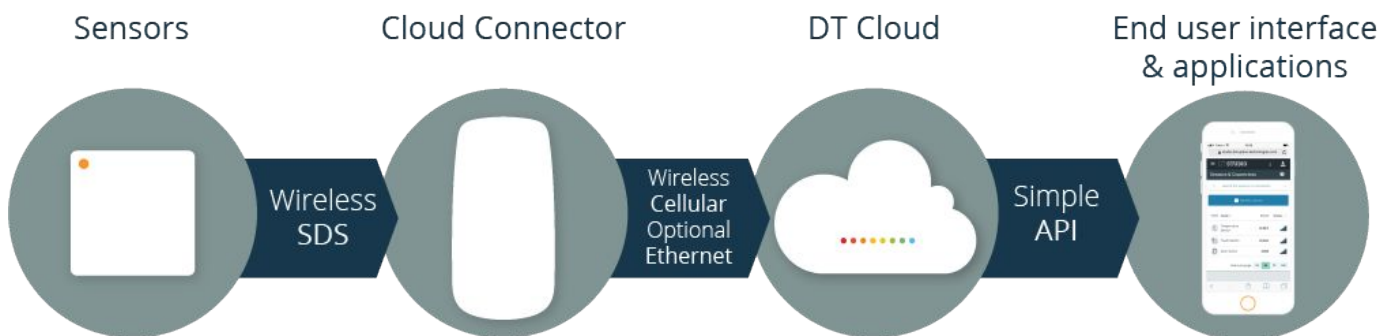DISRUPTIVE
T E C H N O L O G I E S

Cloud Connector US 4G

The Cloud Connector connects the whole range of SecureDataShot™ enabled Sensors to the Cloud through a Power-over-Ethernet or 4G cellular connection. There is no need for configuration during installation. The Cloud Connector will transparently relay traffic between all Sensors in range and the Cloud without the need of any user configuration or intervention.

Features
- Handles all SDS Sensors within range
- Seamless roaming for increased coverage
- Robust design
- Simple user interaction
- High performance radio interface for optimum range

Advantages
- Simple installation
- Maintenance free
- Low total cost of ownership

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Specifications

Operating Conditions	
Temperature	0 to 45 °C
Humidity	10 to 90 % relative humidity, non-condensing
Storage Conditions	
Temperature	0 to 70 °C
Humidity	10 to 90 % relative humidity, non-condensing
Ingress protection	IP20
Dimensions, weight	130 x 65 x 40 mm, 200 g
Power supply	Power-over-Ethernet (PoE) - 36-57 V - IEEE802.3at Type 1
Power consumption	Average < 5 W (3 W typical) Peak < 19 W (< 5 ms) The average power consumption of the Cloud Connector will vary depending on whether Ethernet or Cellular mode is used. When using Cellular, the power consumption is also dependant on the signal coverage.
Certifications and Compliance	Contains FCC ID: 2ATFX-101941 Contains FCC ID: XMR201707BG96 Contains IC: 25087-101941 Contains IC: 10224A-201709BG96 IEC 62368-1 RoHS
Frequency	Sensor interface, US: 915 MHz ISM band, SecureDataShot^{TM} Transmit Power < 320 mW Cat M1: LTE FDD: B2/B4/B5/B12/B13 Output Power: Class 3 (23 dBm ± 2 dB) for LTE FDD bands
Interfaces	100Base-T - RJ45

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