

Application note

WI-FI INFRASTRUCTURE



A Wi-Fi network provides wireless internet connectivity in a local location connecting you to the world wide web: this is defined as a Local Area Network (LAN).

Companies specializing in Wi-Fi infrastructures providing connectivity in hazardous locations use the Solexy explosion proof access point. This is a rapidly growing market due to the increased availability of **intrinsically safe tablets, phones and laptops that are utilized by maintenance personnel** to access data or retrieve data from smart control equipment.

These devices require a Wi-Fi infrastructure. System Integrators and OEM's buy the RX antenna coupler to use in combination with a **Cisco access point** and a commercially available explosion proof housing.

This is the easiest way to “upgrade” a standard Cisco (or other brand) access point into a Zone 1, 2, 21 and 22 rated package.

“ *The Solexy access point is extremely **competitive, compact and easy to install.***

In this same application there is a lot of specified equipment: larger companies and supporting engineering firms quite often specify a specific access point or router such as Cisco and others.

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SOLEXY EXPLOSION PROOF SOLUTION

Advantages

- **Compact design**
- **Easy Installation and set up**
- **Cost effective**
- **Antenna Installation flexibility**

