

# Driven by innovation, rewarded by customer satisfaction.

Solexy specializes in devices and patented technology for radio and buss transmissions in hazardous classified areas such as refineries, chemical plants, mines, off shore rigs and other potentially hazardous rated areas.

We are known for the first wireless industrial products on the market rated for classified areas.

■ Solexy flameproof intrinsically safe barriers for radios, allow transmission of RF signals into classified Hazardous Areas.

In combination with an explosion proof housing, the antenna couplers are used to transform a standard radio device of any kind in a device rated for Hazardous Locations (Atex, IECEx, USA & Canada, ...).

■ Solexy industrial antennas meet the demanding requirements and hostility of the process environment.

■ Expanding our patented technology and realizing the demand to protect other signals, Solexy developed a solution for Ethernet.

With our intrinsically safe Ethernet barrier is now possible to transmit Ethernet signals from explosion proof enclosures or purge panel systems into an hazardous area, avoiding the cost of additional sealing devices, area rated conduit systems, armored cables or additional power.

COMPLETE PRODUCT CATALOGUE  
[www.solexy.net/PCS](http://www.solexy.net/PCS)



## RADIO DEVICE

Any kind of radio device such as:

- Wifi Access Point
- Cellular router
- Radiomodem



[www.solexy.net/RS](http://www.solexy.net/RS)

## HOUSING

Any explosion proof housing

## HEAVY DUTY ANTENNA



Heavy duty "J-POLE" antenna, rated for hostile environments and rated to be used in hazardous locations when combined with **Solexy antenna couplers**.

Frequency available:  
868MHz - 915MHz - 2.4GHz



[www.solexy.net/AN](http://www.solexy.net/AN)

## ETHERNET BARRIER



Patented Explosion proof fitting with embedded intrinsically safe barrier for **Ethernet signals**. Allows the use of standard Ethernet cables and hot connect and disconnect in hazardous location.



Approvals: Atex, IECEx, USA & Canada  
Baud rate: 10-100 Mbps  
Material: Stainless Steel

[www.solexy.net/BX](http://www.solexy.net/BX)

## ANTENNA COUPLER



Patented Explosion proof fitting with embedded intrinsically safe barrier for **radio frequency signals** (antennas). Allows the use of most passive antennas in explosion risk hazardous locations.

Approvals: Atex, IECEx, USA & Canada  
Frequency range: 100MHz - 6GHz  
Material: Stainless steel



[www.solexy.net/RX](http://www.solexy.net/RX)







## HAZARDOUS LOCATION WIRELESS SOLUTIONS

**[www.SOLEXY.net](http://www.SOLEXY.net)**

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PRODUCT CATALOGUE  
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