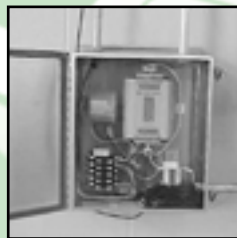


# EMERGENCY SHOWER & EYEWASH STATIONS

## WIRELESS APPLICATIONS

for Monitoring and Alarm Notification



**MONITOR**  
**CONTROL**  
**AUTOMATE**

 **ELPRO**  
Technologies



Wireless Solutions since 1983

# WIRELESS APPLICATIONS FOR EMERGENCY SHOWER & EYEWASH STATIONS

CONTROL  
MONITOR  
AUTOMATE

## SITUATION

A worker in an industrial plant is sprayed with a harmful liquid. He follows procedures; manages to reach and activate an emergency shower; but then collapses. He is the only person aware of the situation ...until found some time later.

An alarm is required in the Control Center to alert emergency services of the shower location and time of activation. Activation sensors can be easily fitted to the showers, however the cost of wiring to every shower is prohibitive ...so there are no alarms.

## SOLUTION

ELPRO's industrial wireless products remove wiring costs, and bring the overall cost down to acceptable levels.

Fit a limit switch to the shower actuation arm and connect to a battery powered ELPRO 905U-K wireless unit. Each time the shower is activated, or de-activated, a wireless alarm is sent to the control center DCS, SCADA or HMI system. The ELPRO 905U-G unit in the control center interfaces to a variety of protocols such as Modbus, EtherNet, Profibus or DeviceNet.

## BENEFITS

- Saves Lives – Improve overall plant safety
- Exceeds most Workplace Health & Safety Regulations
- Very low product cost
- Very low installation costs (no wiring required to Control Room)
- Suitable for new and existing shower/eyewash systems
- Automatic identification of shower and eyewash station location
- Programmable automatic testing of Emergency System
- Optional battery pack power available

## ELPRO CUSTOMERS

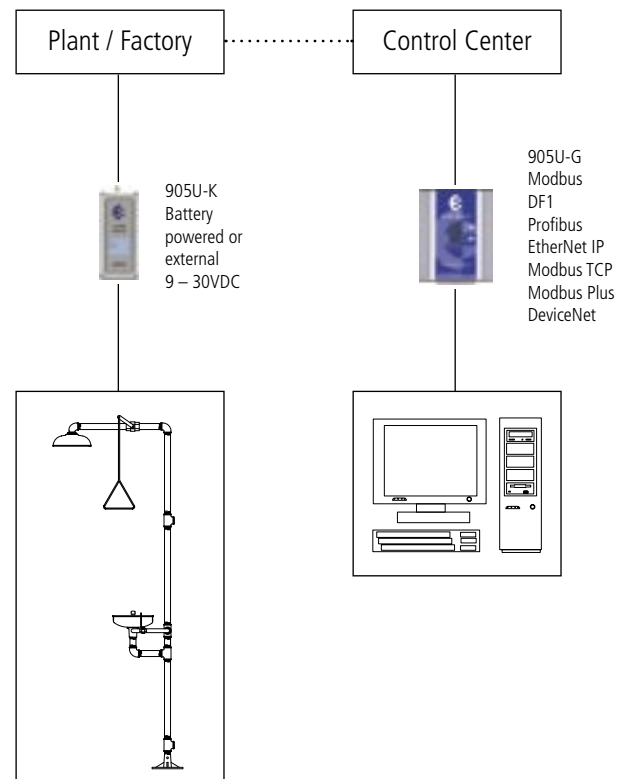
This application benefits Chemical Plants, Oil & Gas Refineries, Steel Plants, Paper Mills, Pharmaceutical Manufacturing, Petroleum Well Servicing, Electroplating, Mining Operations, Laundry Services, Water Treatment Plants, Laboratories, Plastics Manufacturers, University Chemistry labs, etc.

**LIFE SAVING SOLUTION**

**LOW INSTALLATION COSTS**

**IMMEDIATE RESPONSE**

**IMPROVED PLANT SAFETY**



## WHO IS ELPRO?

ELPRO is a manufacturer of wireless solutions – specifically Radio Telemetry (wireless I/O), Radio Modems (serial data), and Gateway/Ethernet products. ELPRO was founded in 1983 in Australia and now distributes to over 50 countries globally.



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