

## OVERVIEW

iCPSM4 (Internet based Cathodic Protection System Manager) is an online database software package for displaying, archiving and exporting data from MERLIN and SUNBIRD Remote Monitoring Units (RMUs). It also provides full remote configuration and control of all MERLIN and SUNBIRD RMUs directly from a web browser.

The great advantage of iCPSM4 is that multiple users can access corporate rectifier and CP data via the internet with no requirement for special software or set-up.

Data from both MERLIN and SUNBIRD RMUs is held in a client-specific, secure database, hosted by Abriox, where it can be viewed and downloaded from any web browsing device. This is essential where CP Engineers are located in different offices – or even in different countries!

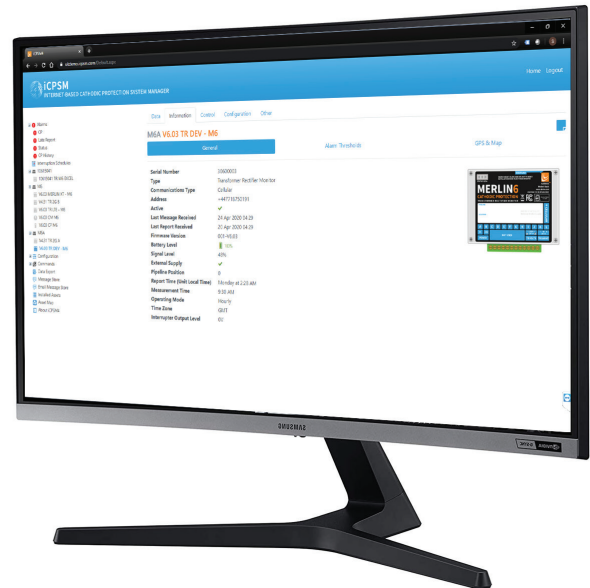
Three iCPSM4 License types are available:

- ▶ **Controller License** - Full control over the iCPSM4 system, including MERLIN and SUNBIRD RMU configuration
- ▶ **Technician License** - Operational control but without the ability to change the system or RMU configuration. A Technician has full viewing functionality and can also perform operations such as pipeline interruption, take on-demand readings and exporting data
- ▶ **Viewer License** - Read-only access to the iCPSM4 system but no configuration or control of the units

## FEATURES AND BENEFITS

- ▶ Access to rectifier and CP data anytime/anywhere (via any internet enabled device such as laptop, smart phone or tablet)
- ▶ Standard software interface for all types of MERLIN and SUNBIRD RMUs
- ▶ Graphical and numerical data display
- ▶ Overview shows status of all RMUs on pipeline
- ▶ Remote synchronized interruption for all rectifiers on a pipeline
- ▶ On-demand data from rectifier RMUs
- ▶ Configurable data export and interface options
- ▶ Alarm folders for quick identification of CP incidents
- ▶ User alerts to specified email addresses or cell numbers
- ▶ Notes facility for locations and individual reports
- ▶ Secure database running on dedicated servers
- ▶ No software installation required
- ▶ Compatible with the latest browsers such as Google Chrome, Microsoft Edge, Firefox and Opera
- ▶ Multiple users can log in and access data
- ▶ User password reset function
- ▶ Licenses allow different authorisation levels to MERLIN and SUNBIRD monitor configuration/operation

## CATHODIC PROTECTION MONITORING



## ABOUT US

Abriox is a dynamic high technology company specializing in remote monitoring and control for pipelines with US Headquarters in Texas and European and International Headquarters in the UK.

## GET IN TOUCH

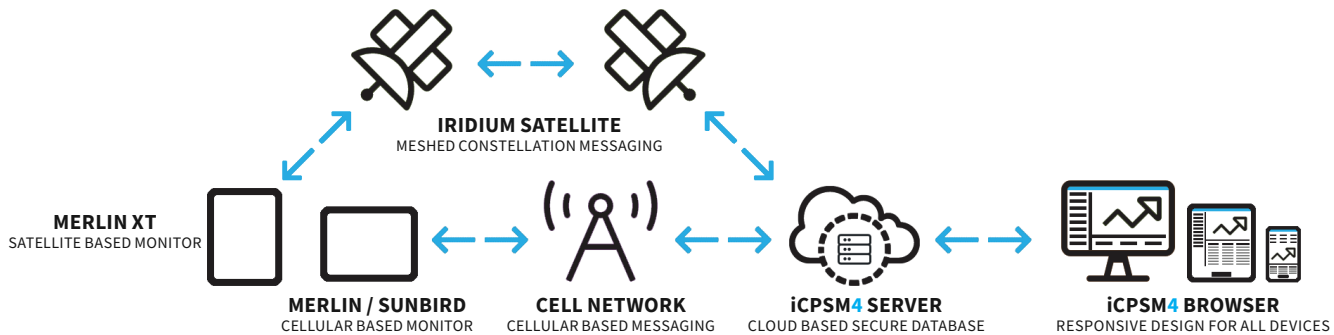
 [www.abriox.com](http://www.abriox.com)

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SCAN TO FIND OUT MORE



## CATHODIC PROTECTION MONITORING



## TECHNICAL SPECIFICATIONS

### MERLIN / SUNBIRD MONITOR LOCATION CONFIGURATION

- ▶ Pipeline/Location ID
- ▶ Measurement modes and reporting times
- ▶ Channel labels
- ▶ Shunt/coupon values
- ▶ Time zone

### DATA DISPLAY

- ▶ Pipeline overview or monitor location
- ▶ Graphical display with supporting numerical data table
- ▶ Configurable for days/weeks/months/all data and measurement channels
- ▶ Auto-scaling with viewable min/max levels
- ▶ Network and satellite communications information
- ▶ Unit battery level and status information

### ALARM IDENTIFICATION

- ▶ Low/high alarm thresholds on all channels
- ▶ SMS (text message) or email alerts to staff
- ▶ All units in alarm highlighted in folders

### ON-DEMAND DATA FROM RECTIFIERS

- ▶ Measurements on all monitoring channels
- ▶ Status and configuration of MERLIN / SUNBIRD RMUs

### SYNCHRONIZED INTERRUPTION

- ▶ Start/stop interruption of all/specific rectifiers
- ▶ Configurable ON/OFF intervals
- ▶ Colour-coded interruption status

### DATA MANAGEMENT

- ▶ Configurable data period and channels
- ▶ Export as CSV file or cut/paste from numerical data table
- ▶ Exportable "installed assets" snapshot
- ▶ Data export into asset management software
- ▶ Add notes to specific locations or reports
- ▶ Configurable data export and interface options

Specifications are subject to change without prior notice.

## SYSTEM REQUIREMENTS

iCPSM4 has been developed to be compatible with most modern browsers. We recommend you use the latest version of your chosen browser.

iCPSM4 has been tested on Google Chrome, Microsoft Edge, Firefox and Opera.



## SOFTWARE LICENCE TYPES

### Controller Licenses

- ▶ Require individual names for traceability of actions. If a corporate username is used traceability may be lost.

### Technician and Viewer Licences

- ▶ Available in Single-User (assigned to a named individual; only one person can be logged in at any one time) and Corporate (assigned to a company; unlimited simultaneous log-in) versions.

Contact us for more information on how Abriox remote monitoring systems can improve your network management.

[www.abriox.com](http://www.abriox.com)