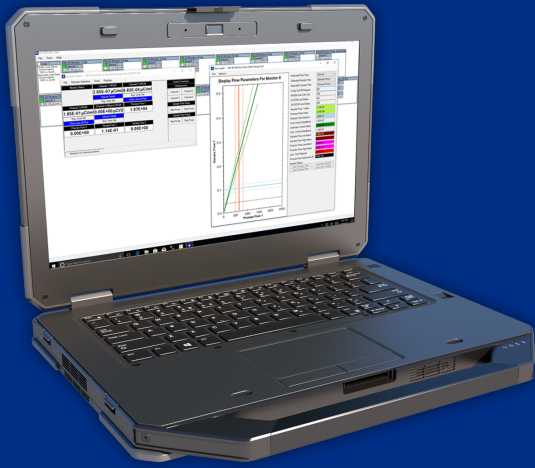# MI-2080

MAINTENANCE INTERFACE SOFTWARE

General Atomics Electromagnetic Systems' (GA-EMS) **MI-2080** Maintenance Interface software kit is a user-friendly, multi-functional application designed to access and control RM-80 and RM-2000 radiation monitoring systems. The MI-2080 provides users with maintenance and troubleshooting functionality, as well as graphical displays of data and data analysis. Users can easily query and display data from individual monitors, as well as perform database downloads and modifications.
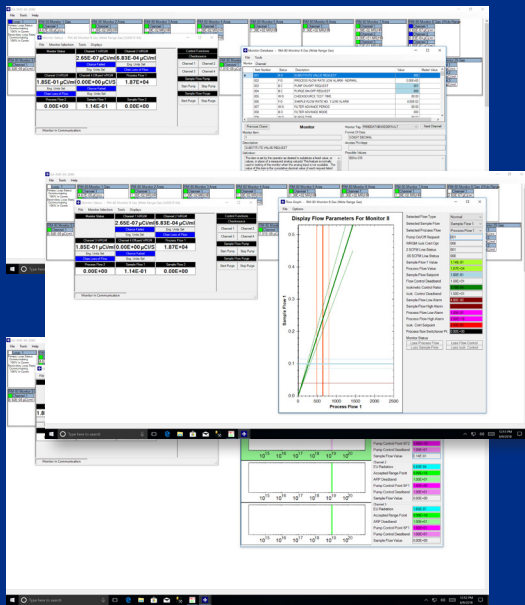
CUSTOMIZABLE GRAPHIC DISPLAYS

The MI-2080 displays multiple graph types to provide user insight into RM-80 and RM-2000 monitor functioning, including:

- Flow parameters

- Channel selections

- Channel historical trends

- Dynamic items

MI-2080 provides a tabular database view, a user-controlled graph display, and data logging capabilities. Users can easily display trends, channel selection graphs, flow graphs, checksource trends, K-list display and verification, and communication statistics.

ga.com/ems

GENERAL ATOMICS
ELECTROMAGNETICS

RM-80 and RM-2000 maintenance interface capabilities

Analyze and troubleshoot monitor functional parameters, data trends, and communication loops

MI-2080

TIME SAVING FUNCTIONALITY

- Monitor and display alarms and acknowledgements

- Control functions for any selected monitor on the loop (checksource, pump, purge)

- Poll a single current loop with a maximum number of 31 monitors

- Upload, archive, compare, and download the RM-80 or RM-2000 database in a graphical and informative tabular display

- Interface with RM-80 A, B, or C ports and RM-2000 A or B ports

- Analyze data trends for a single monitor

UNIQUE DYNAMIC ITEM GRAPH

- MI-2080 includes a dynamic item graph, a user-definable display of up to seven individual database items to show trends over time

- Users can select any database item, DAC, ADC, PIA value (RM-80), or communication statistic value for display

- The graphical database display provides comprehensive item descriptions

- The data log is exportable to comma-delimited files for analysis or archiving

INTEGRATED LAPTOP OPTION

MI-2080 is compatible with computers running Microsoft Windows. GA-EMS offers a fully integrated MI-2080 solution on a ruggedized laptop. This option helps alleviate any compatibility or installation issues associated with integrating new software into existing hardware. In addition to the MI-2080 application, available laptop configurations offer:

- Ruggedized design, 14" outdoor-readable display

- Fast, reliable solid state storage

- Dual native serial ports

- Up to 16 GB 1600 MHz DDR3L

- Mobile solid state drives up to 512 GB