

## **INTREPID™**

# **THIRD PARTY INTERFACE (TPI) / SOFTWARE DEVELOPMENT KIT (SDK)**

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Southwest Microwave, Inc. offers Third Party Interface (TPI) and / or Software Development Kit (SDK) documentation for the INTREPID™ MicroPoint™ Cable, MicroNet™, MicroTrack™, MicroPoint™ II and MicroTrack™ II perimeter intrusion detection systems plus Alarm Input Module II, Relay Output Module II and Remote Polling Module II. These TPI / SDK resources allow programmers to develop and interface these products to graphic displays, CCTV matrix equipment, DVRs and other associated monitoring systems provided by third party suppliers. TPI / SDK facilitates customization to the monitoring system without having to deal with the supervisory functions of the INTREPID hardware communications.

The MicroPoint and MicroNet TPI library (\*.dll) provides a set of classes that correspond to the elements and data types used by the INTREPID Alarm Monitoring application interface. The library can automatically parse the created map file (\*.smp) content and put the values of the elements into appropriate objects. A demo program is included.

MicroTrack, MicroPoint II, MicroTrack II, Alarm Input Module II and Relay Output Module II use an SDK polling protocol. The master device (PC with SDK) initiates all message traffic. The PM II (MicroPoint II Processor Module), MTP (MicroTrack Processor), MTP II (MicroTrack II Processor), AIM II (Alarm Input Module) or ROM II (Relay Output Module) slave devices will transmit a frame on the serial line in response to a request from the master device.

The Remote Polling Module II (RPM II) SDK is an application layer protocol / hardware combination that provides a method for third party control or monitoring systems to interface with the INTREPID Series II sensors and auxiliary devices through the RPM II via TCP/IP socket layer.

To request a copy of any of these resources, contact your Southwest Microwave representative, or email us at [infosd@southwestmicrowave.com](mailto:infosd@southwestmicrowave.com). Please provide your name / title, company name, address, telephone number and email address. There is no charge for this documentation.

Please reference the following part numbers and descriptions when requesting these items:

MicroTrack SDK Polling Protocol Specification: 57A15942-A01

MicroPoint/MicroNet TPI 3.4 C++ Net: 64A46395-A01

MicroPoint/MicroNet TPI 3.4 C# Net: 64A46395-A03

INTREPID Polling Protocol II Specification (MicroPoint II, MicroTrack II, MW 330, AIM II, ROM II): 57A46504-A01

Remote Polling Module II Specification (MicroPoint II, MicroTrack II, MW 330, AIM II, ROM II): 57A46792-A01