

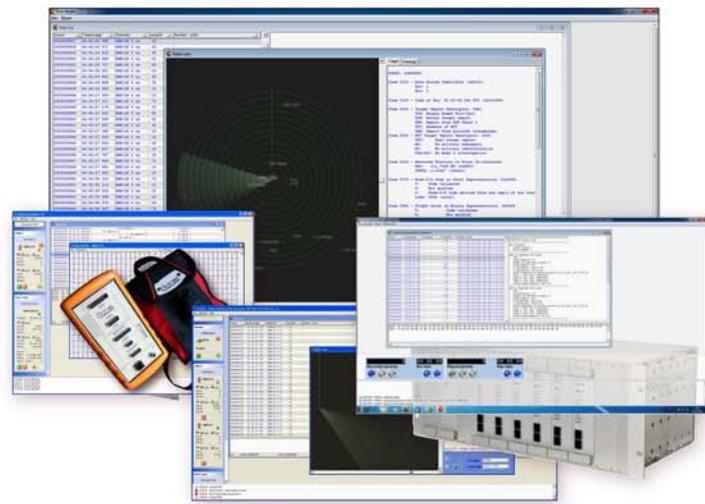


RADAR GLUE

Graphics &
Listings
Unified
Environment

HIGHLIGHTS

- ◆ **Multistandard Data acquisition** (LANs, Serial Lines, and Discrete/Analog Radars)
- ◆ **Data acquisition**, distinguishing data packets by several formats and protocols:
 - HDLC
 - LAP-B
 - AFTN (IA5)
 - CD2
 - ASTERIX Cat 1, 2, 34, 48, etc
 - AIRCAT500, edition
 - MODM
- ◆ **Real-time and post-acquisition advanced data analysis**, decoding data packets with several protocol decoders
- ◆ **High integration of all suite components**, by using a common format (**CMBIN**) to exchange data
- ◆ **Advanced tools to perform data analysis**, both in listing and graphic mode.
- ◆ **Friendly Graphical User Interfaces**



OVERVIEW

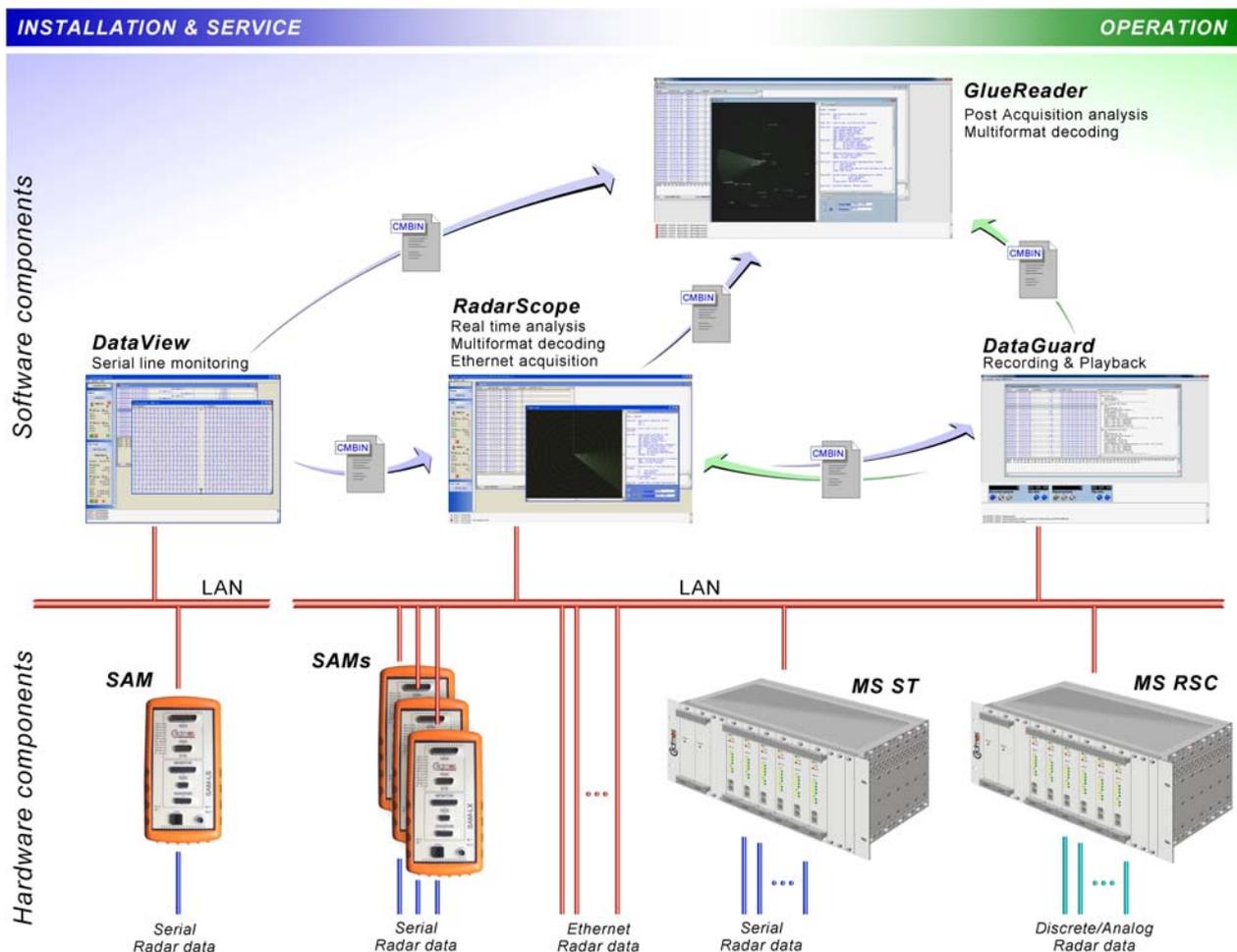
The Radar GLUE suite is a complete network solution designed to monitor, analyze, and diagnose the Radar Data communications.

The suite can be used both for Installing and Servicing purposes or for monitoring purpose in full operation.

The simultaneous use of hardware and software components make the suite an ideal solution for operations like Link Quality Analysis, Data Integrity Check, Multi-format decoding, etc.

The Radar GLUE suite implements an unified environment, optimized to perform data analysis in both graphics and listings mode. It is characterized by the following main features:

- Interfacing with multi-standard Serial Lines and Ethernet LAN.
- Use of several formats and decoders for data acquisition and analysis: HDLC, AFTN (IA5), LAP-B, CD2, Asterix, Aircat500, etc.
- High integration of all components (HW and SW) of the suite, by using a common format (CMBIN) to allow data exchange between all analysis components.
- Advanced features for real-time and post-acquisition analysis, by displaying data both as data packets lists or graphic representation (like a CWP), including recording data and playback functions.
- Facilities to manage and configure hardware components.



SAM unit and DataView:

SAM series instruments (Sampling, Acquisition and Measurement), complete of DataView software, are the best solution to monitor and diagnose serial lines, by centralizing the measurement on a remote station of a network. Main features of the SAM instrument, that make it unique, are the capabilities to acquire and analyze data from asynchronous or synchronous serial lines, where data are formatted with several radar protocols (making the instrument full compliant with radar systems).

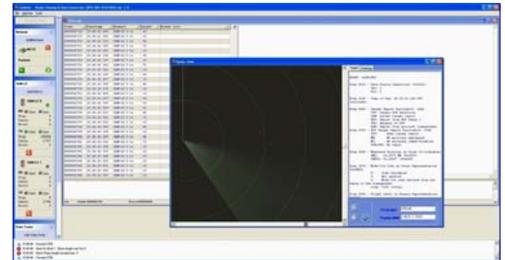
The portability, the small size and the ability to be remotely controlled via Ethernet network connection, make SAM the optimal instrument for Installation and Servicing personnel. It is a needful instrument for monitoring serial lines located in remote areas, including unattended sites.



RadarScope:

RadarScope components are used to monitor the entire radar communication system, performing data packets acquisition from SAMs (serial lines), from ST units (Serial to Ethernet tunneling) and directly from LAN.

It performs real-time and post acquisition analysis of acquired data, this component is indispensable to check the communication during different installation phases and to perform final tests, so as during servicing.



DataGuard:

DataGuard component is designed to be used during normal operation of the site. Main features are:

- recording of data traffic, from one or more sources with different protocols,
- playback of recorded data traffic, by redirecting data to one or more destinations,
- real-time and post acquisition analysis of acquired or recorded data packets, decoding information by using several protocols,
- long time recording,
- facilities to configure Media Switch ST units, to acquire data packets from serial lines.

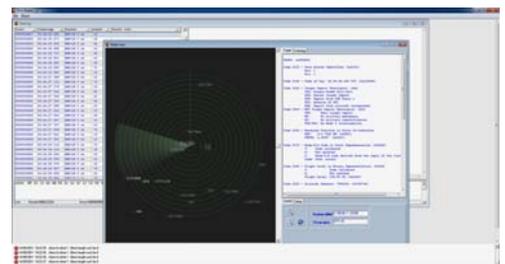
In this way, the component can be used to monitor and servicing the normal operation of controlled radar system.



GlueReader:

GlueReader is the post-analysis components, which allows to check and analyze acquired data, displaying it both in listing or graphic format.

The embedded Radar viewer can be used as a testing CWP, performing advanced measurements of data packets integrity.



CMBIN file format:

CMBIN is a proprietary binary file format, optimized to allows data exchange between all components, as a unified complete environment.

In this way, data acquired during installation, service or operation, can be used by all Radar GLUE components to perform advanced analysis.



For more information about our products, please visit

www.cadmos.it

or contact us at

info@cadmos.it



Cadmos Quality Management System is **ISO 9001:2000** certified



Cadmos microsystems S.r.l.
Via B. Pontecorvo, 11
00012 Guidonia Montecelio (RM)
Italy

Phone +39 0774 353919
Fax +39 0774 014367