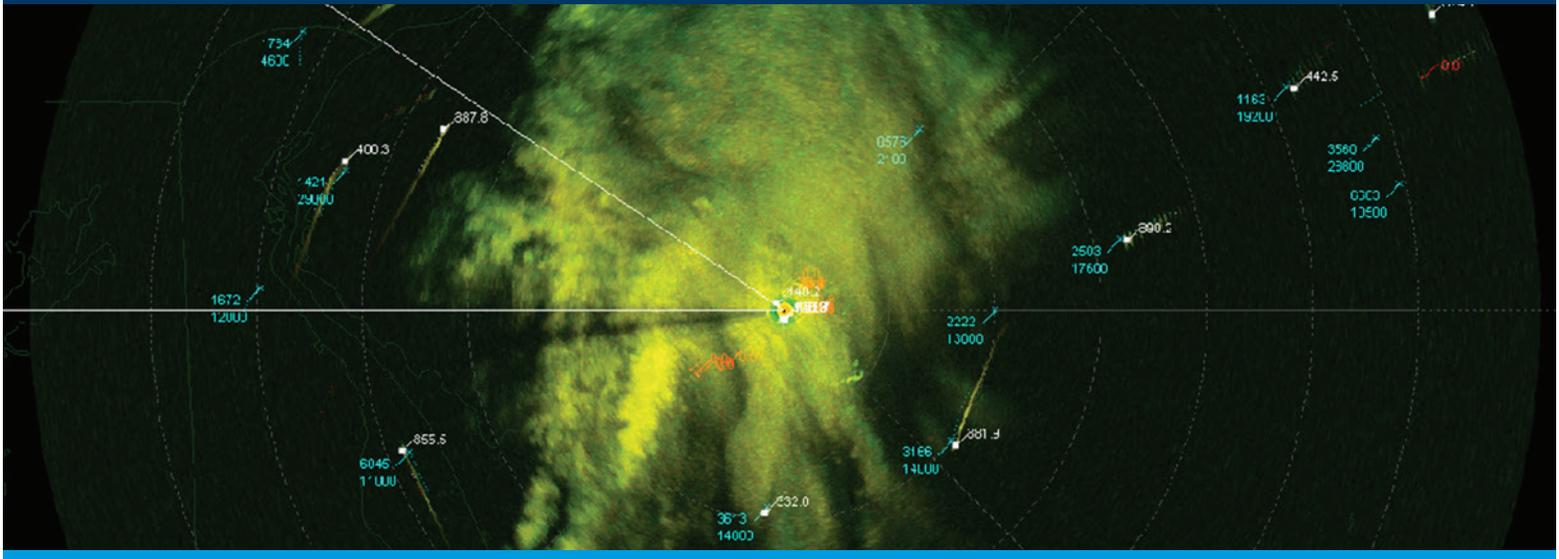




Common Terminal Digitizer (CTD)

Revives Aging Radar Systems and Improves Surveillance Performance



Telephonics' CTD is a Commercial-Off-the-Shelf (COTS) upgrade solution that extends the useful life of Primary and Secondary Surveillance Radar systems (PSR/SSR), providing imported receiver performance, small target detection and enhanced weather processing.

Integration Versatility

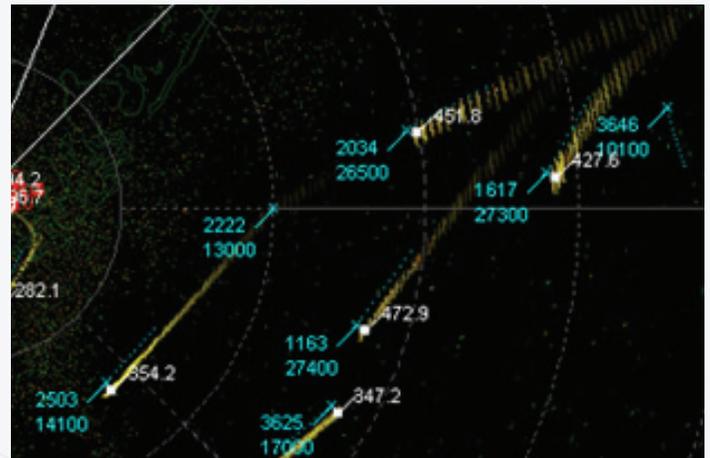
Designed to extend the service life of multiple types of PSR and SSR systems, CTD also simultaneously improves radar receiver performance. CTD easily integrates with the following systems, among many others:

- ASR-8 and ASR-9
- ARSR
- Martello S723/743
- Thales TA-10
- Siemens Plessey Watchman

Diverse Applications

With shrinking budgets, the CTD system provides a cost-effective alternative that increases the availability and performance of aging radar equipment, along with other significant benefits:

- Operational in Europe and currently undergoing FAA qualification testing

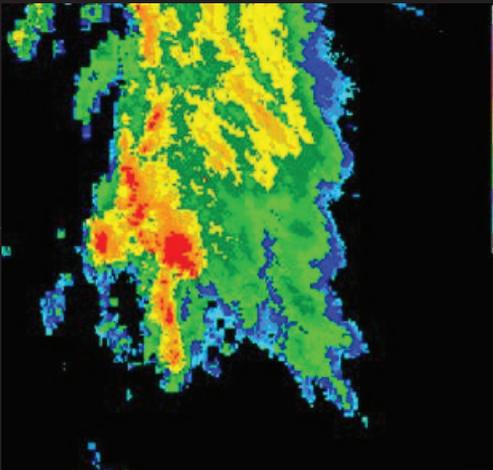


Composite digital SSR and radar tracks with weather elimination.

- Improves Doppler and digital weather processing by utilizing proprietary techniques
- Unique algorithms aid in small target detection in both high-clutter and wind-farm environments
- Data extraction and servicing components provide various customer specified digital formats

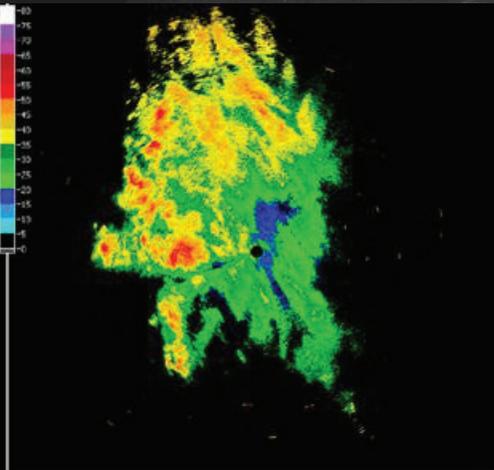
Common Terminal Digitizer (CTD) System

National Weather Service Image

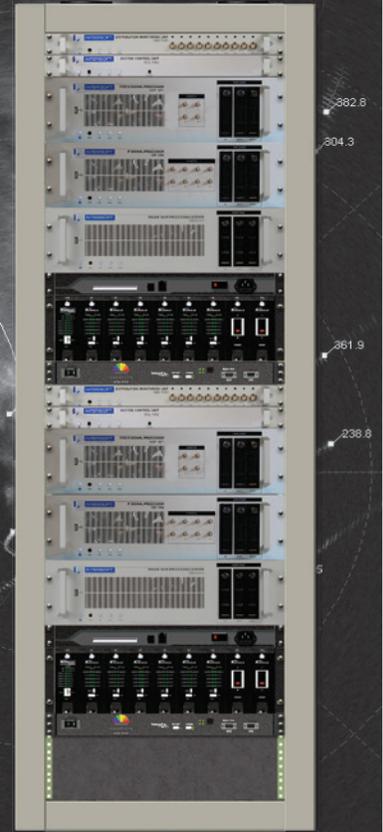


www.nede.neda.gov
28 Aug 2013, 16:45:00 UTC

Telephonics Weather Image



ASR-8, Atlantic City, NJ
28 Aug 2013, 16:42:39 UTC



The CTD system increases the performance of aging radar equipment.

Proven Success for New Technologies

As a leading-edge provider to defense, commercial and aerospace customers, Telephonics leverages its extensive radar processing, Air Traffic Management (ATM), maritime surveillance, imaging and tracking experience into developing new technologies that help to ensure customer success.

For additional information, contact Telephonics at 631.755.7000 or visit www.telephonics.com.

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