



MOBILE CVOJ M11 SYSTEM



Mobile CVOJ M11 is a cost-effective and flexible solution for providing data processing of radar analog video signals, visualization and dissemination of radar data. The system provides radar video acquisition from analog signals, automated target detection and tracking, radar data visualization.

The system can be used as a part of newly designed radar as an upgrade kit for legacy radars. Mobile CVOJ M11 is used with S-600 radars, AN/TPS radars and also with modernized P-12 radars.

MAIN MODULES	
Acquisition & Control	Samples analog video signals and antenna azimuth signal from primary and secondary radar and converts into digital radar video format.
Extractor	Analyzes digitized primary radar video and generates plots (up to 2000 per antenna turn).
Tracker	Generates tracks (up to 1000), which represent actual targets whose presence is confirmed with a sequence of plots from consecutive radar scans.
Display	<ul style="list-style-type: none"> - raw radar picture in plan position indicator format, - plots & tracks, - overlay graphics including maps, azimuth and range markers, code grids, air-traffic corridors, navigation aids, zones, etc.
Communication	<ul style="list-style-type: none"> - continuous real-time plot data reporting to superior control center. - continuous real-time track data exchange with superior control center and peer radars.

