

Air Surveillance and Control System

Air-to-Ground Weapons Range (ASAC/B)



The ASAC/B provides an integrated air picture to increase range safety, enhance training, and improve range utilization. Using the Digicomp ASAC/B system provides the user with increased safety assurance through active monitoring of drop zones, airspace boundaries, and other range activities. Range time is utilized more efficiently with increased situational awareness. Our recording capability provides tools for both training and incident investigation.

The ASAC/B is a branch of the ASAC family of products. The system exploits current generation tools and hardware to provide accuracy, functionality and maintainability as well as a high level of performance. The ASAC/B is fully scalable and can grow with the users needs. Features can be added from our base system to expand its capabilities and user friendliness.

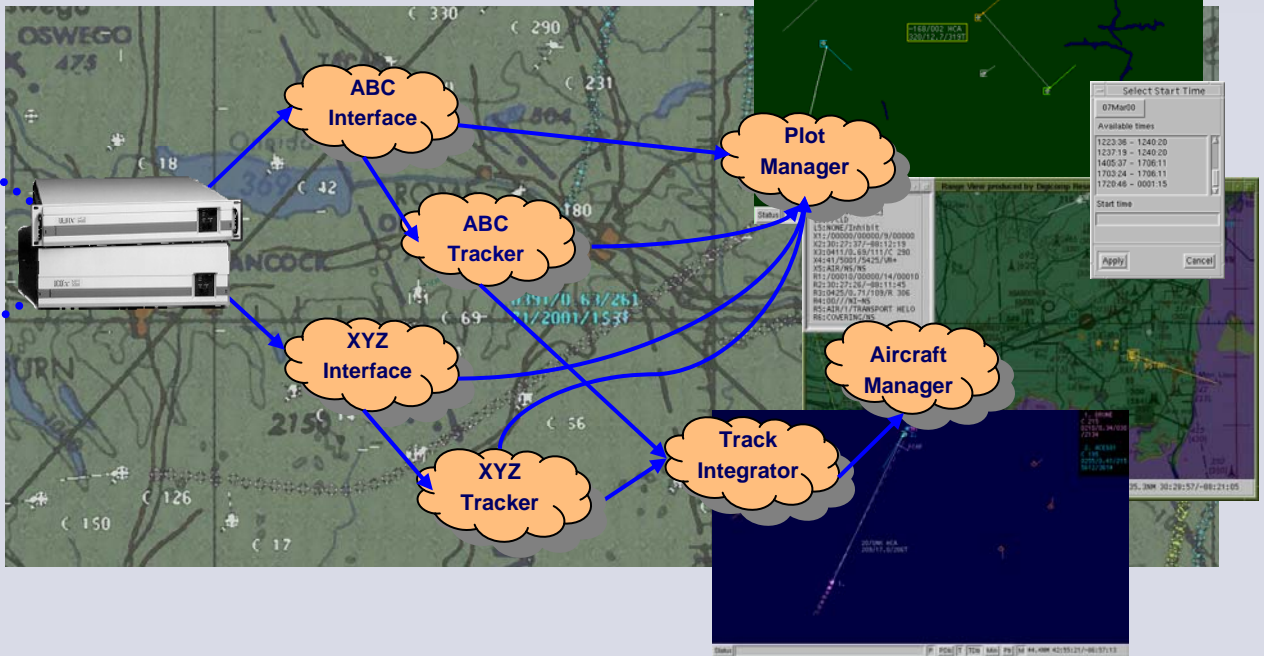
The ASAC/B configuration can be found at both the 174th FW/DET-1 Adirondack Range and the 177th FW/DET-1 Warren Grove Range. These single seat/two radar systems are configured with functionality required by the range locations. Their streamlined user interface is entirely graphics driven. The systems are housed on the latest Intel processors running the Red Hat Linux operating system. Their hardware footprint size is small enough for use in the cramped quarters of range towers.

Digicomp provides a cost effective hardware and software support plan. This plan includes dial-in preventative maintenance, telephone support, bug fixes and software upgrades.

Radar ABC



Radar XYZ



Features and Benefits

- ◆ Integrated Air Picture — Provides single IAP based on inputs from available sensors
- ◆ Increased situational awareness for local FAA, geographic, and military points of interest.
- ◆ Capture JPEG images and save to CD — Provides accurate mission reporting capability and increased training effectiveness with visually accurate imagery
- ◆ NGA map products for background and other map features
- ◆ Modifiable overlays and user-defined graphic objects
- ◆ Configurable symbology, colors, and display views
- ◆ Automatic track amplification; ability to hook all tracks and data blocks in an area; extensive plot level operations
- ◆ Record and playback— Supports debrief for increased training incident investigation, analysis of noise complaints, documentation for spill-in/spill-out
- ◆ Airspaces with spill-in/spill-out regions
- ◆ Graphical User Interface for administrative tasks — Increases system stability and decreases error potential, more control over local configuration needs
- ◆ Selectable 3 hour air track history for graphical representation of mission history for incident investigation and training needs
- ◆ Maintenance and Support — Annual upgrades, bug fixes, remote login to provide help with system administration or investigate problems
- ◆ Flexibility in hardware options to meet site requirements
- ◆ Spanning desktop for multiple monitor configurations available
- ◆ Support for most AF and FAA radars
- ◆ Supports multiple radars — Maximize training options, larger coverage area for mission safety
- ◆ Supports multiple operator stations
- ◆ Vertical elevation view