

Combat System Data Network (CSDN)

CSDN provides fast, reliable and redundant data communication between the CSDN nodes in the Combat System. In order to provide single point of failure immunity, CSDN is engineered to comprise dual interconnected networks with Fiber Optic medium.

CSDN interconnects Operator Consoles and CMS nodes such as Subsystem Interface Units in a fully redundant network environment.

- **Scalability** : Star topology provides a scalable network.
- **EMI Protection** : Fiber optic cabling provides complete immunity to EMI.
- **Reliability** : No Single Point of Failure.
- **Redundancy** : Dual active and passive network devices provide a solid redundancy.
- **User Friendly** : HMI functionality provided for easy network management and maintenance.

Typical CSDN Architecture



“In service onboard Turkish Navy G-Class Frigates”

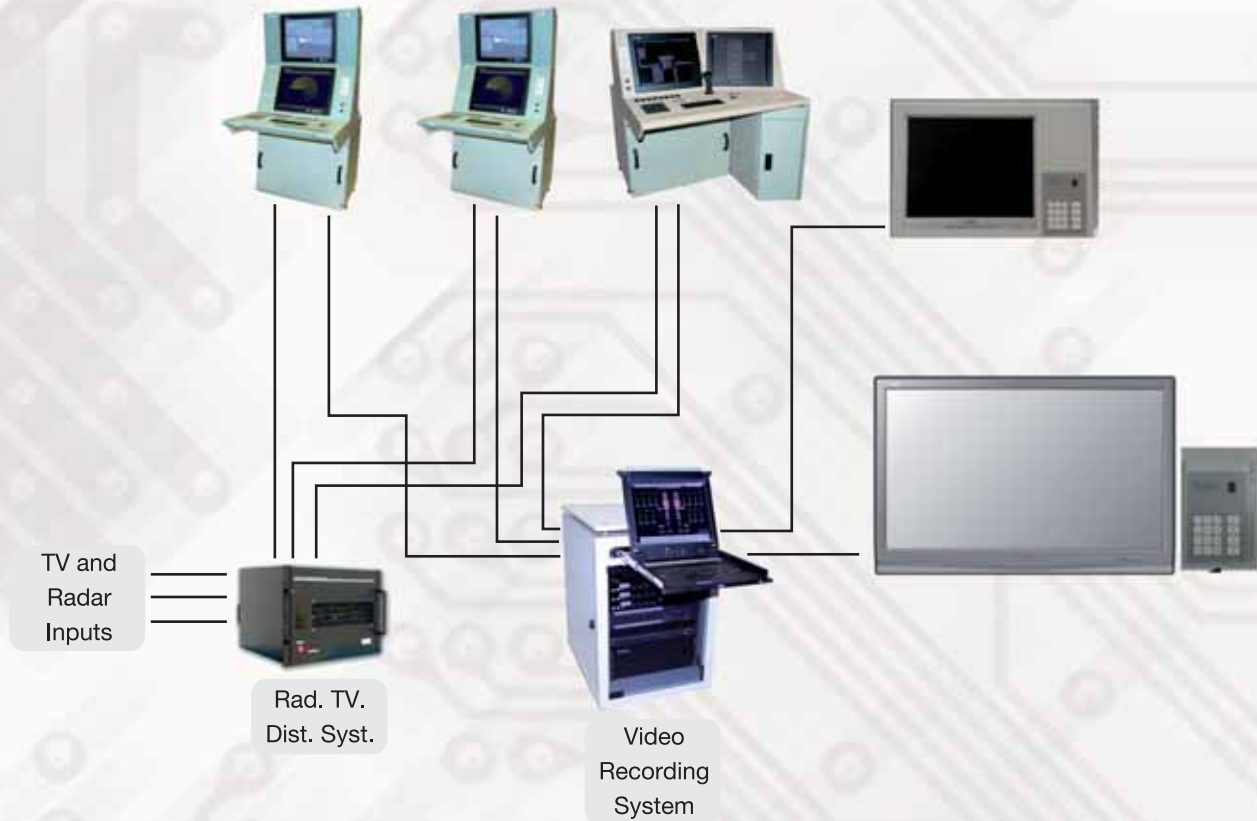
Combat System Video Network (CSVN)

CSVN provides fast and reliable radar and TV video delivery within the Combat Management System based on COTS hardware architecture.

Typical CSVN has the following capabilities;

- Distribution of radar and TV video signals to Combat Management System Operator Consoles,
- Continuous recording of Tactical Display(s) of Operator Consoles,
- Replay of the recorded data on any Operator Console and Remote Displays,
- Continuous recording of weapon camera and CCTV video signals,
- User friendly GUI to manage routing, recording and replay of video signals.

Typical CSVN Architecture



“In service onboard Turkish Navy G-Class Frigates and HEYBELİADA MİLGEM Class Corvette”