

T5 Advanced Communications Control System

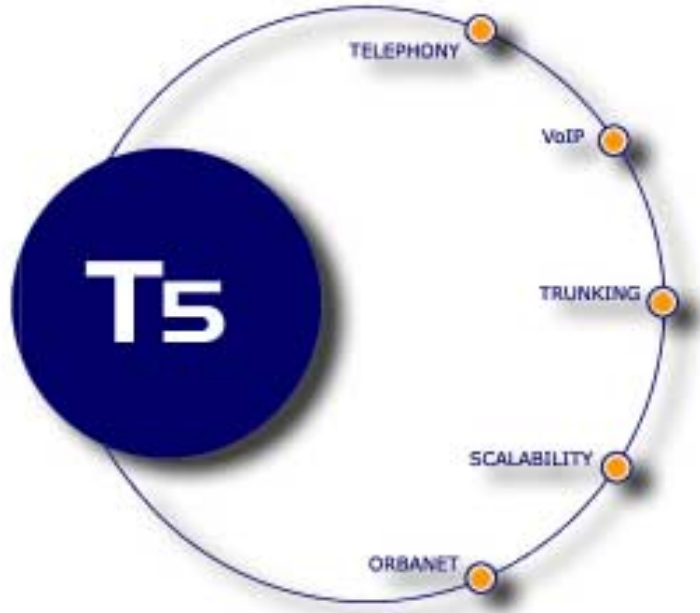
The T5 Communications Control System is the premiere switch offering for advanced dispatch applications available from **ORBACOM**. The T5 leading-edge architecture is flexible enough to support the needs of the Government, Public Safety, Utility, and Transportation industries. Its progressive design allows the system to work with emerging technologies, such as Voice Over IP (VoIP), and grow with your future communication needs.

In addition to handling sizable Communications Center installations, the T5 provides the flexibility to create a wide-area, communications system known as **ORBANet**. This application interlinks T5 systems, where each T5 system forms an **ORBANode** and builds a powerful distributed system to allow access to communications resources from anywhere within a regional, statewide or larger system.

When the T5 is used to form a distributed console system, **ORBANodes** are site-linked with a variety of transmission mediums to include T1/ E1, Frame Relay and Ethernet. Site-links are set to satisfy a customer's resource requirements, thereby reducing operating costs. In a Token Ring configuration, failure of any single transmission path results in automatic self-healing. This extremely fault-tolerant design ensures the highest level of intra-system connectivity and reliability. In the event of a transmission path loss between sites, each T5 switch operates independently providing access to all local resources.

Integral to the T5 Communications System, the T5 Manager Suite of Applications gives system owners complete control of the T5 system. Adding or removing resources and reconfiguration of the system are easily performed. The Suite of Applications also provides powerful diagnostic and reporting capabilities at the T5 Manager position or from a remote location.

The T5 is scalable to satisfy cost-effective, entry-level requirements, and still provide a migration path to larger system implementation.



- Supports a wide variety of direct, fully digital interfaces to major trunking manufacturers, leaving the choice of infrastructure and technology open.
- Manages conventional communications resources such as base stations, auxiliary control, alarm inputs, voter control, intercom and PA.
- Full telephony capabilities including 911 with ANI.
- Features public safety grade, fault-tolerant and self-healing technologies to prevent any single-point failure from interrupting system operation.
- High-capacity distributed architecture allows a virtually unlimited number of resources to be controlled.
- All operator positions have access to radio, telephone, and other resources located anywhere in the system.
- Open Architecture CAD API allows integration with OCI Genisis or other industry standard CAD systems.