

Extron

JITC Certified Products



The Most Extensive Offering of AV Solutions on the DISA Unified Capabilities Approved Products List:

- Matrix Switchers
- Switchers
- Distribution Amplifiers
- Fiber Optic Extenders
- Twisted Pair Extenders
- Video Scalers
- Signal Processors
- Control Processors

Extron JITC-Certified Product Offerings

Extron offers the most extensive number of AV signal switching, distribution, and processing products certified by the Joint Interoperability Test Command — JITC for use in a wide range of government installations. Extron matrix switchers, switchers, distribution amplifiers, extenders, video scalers, and control processors across the FOX®, XTP®, DTP®, IPCP Pro, and signal processing product lines are listed on the DoD's Unified Capabilities Approved Products List — UC APL.

Engineered with uncompromising quality and proven performance, Extron products are designed to deliver exceptional reliability for the most demanding applications. This level of performance makes Extron products ideal for the exacting demands of government applications. Inclusion on the UC APL validates that products have successfully completed interoperability and information assurance testing for use in command and control, conference, training, and briefing room systems, making these Extron products ideal for government design projects and other mission-critical installations.

About JITC Certification and the Approval Process

JITC is an entity of the US Department of Defense - DoD under the Defense Information Systems Agency – DISA. JITC evaluated the technological requirements of all DoD agencies and organizations, and then developed tests that pertain to the multiple branches of the armed services and government. The organization is responsible for planning and conducting these operational tests, reporting results, and providing an evaluation of each unit's operational effectiveness, suitability, interoperability, and security. JITC also issues the certification letter that allows a product to be listed on the UC APL.

JITC certification is a rigorous process, which includes stringent Interoperability – IO and Information Assurance – IA testing in accordance with the DoD Unified Capabilities Requirements - UCR. For certification purposes, Extron products are tested and approved under JITC's Video Distribution System category, and Extron has the most extensive offering of AV products on the UC APL. A complete list of the approved products is available on the DISA Approved Products List Integrated Tracking System website.

Extron Product Families Available on the DISA Approved Products List:

FOX Fiber Optic Systems

Designed for mission-critical environments, the Extron FOX Series represents the most complete family of fiber optic products in the AV industry.

- Extend, switch, and distribute video signals at resolutions up to 4K, audio, and control, as well as USB signals over a fiber optic infrastructure
- FOX Matrix Switchers available in sizes from 8x8 up to 1000x1000 and larger
- Supports DisplayPort, HDMI, DVI, USB, 3G-SDI, RGB, HD component, and standard definition video signals



XTP Systems

XTP II CrossPoint® matrix switchers enable an AV infrastructure for an 8K future. The modular design supports both local connectivity and extended transmission capability of AV and control over a single twisted pair or fiber optic cable.

- 50 Gbps switching backplane provides more than enough bandwidth to switch 4K/60 at 4:4:4, and offers additional headroom to accommodate future formats and technology
- Expandable matrix switchers from 4x4 up to 64x64 allow systems to be customized for each application
- Wide selection of XTP I/O matrix boards and extenders for fiber optic and twisted pair cable infrastructures
- Full product compatibility within the XTP Systems family provides a complete end-to-end solution



DTP Systems

The DTP Systems product family is the AV industry's most comprehensive integration platform for small to mid-sized systems.

- Extends computer and video signals at resolutions up to 4K along with audio, control, and power over a single, shielded CATx cable
- Built-in signal conversion ensures unparalleled transmission quality and compatibility
- Allows complete flexibility in designing systems precisely to the application and budget requirements



Video Scalers and Signal Processors

Extron offers a variety of signal processing solutions with an unequalled range of features and I/O options.

- Scaling, annotation, and signal processing solutions deliver uncompromised image clarity and mission-critical performance
- Pro AV signal scaling and processing for every application
- Extron Vector™ 4K scaling engine embodies several Extron-patented technology technologies, and delivers uncompromising upscaling and downscaling performance



IPCP Pro Control Processors

IPCP Pro control processors provide powerful and secure control interfaces, enabling an authenticated user to access, monitor, and control the AV equipment over a trusted path.

- Versatile, high-performance control processors designed for use in a wide variety of mission-critical applications
- Support secure industry standard communications protocols
- Provide a hardened interface to ensure secure communications between the control system and the AV equipment



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