

xtravu DSS

The Unified Command & Control Ecosystem



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xtravu DSS is a robust, cloud-based platform designed to bridge the gap between digital content, hardware control, and IOT automation. While capable of high-end media deployment, it serves as a central nervous system for businesses to manage, monitor, and trigger complex workflows across 1 to 1,000+ endpoints globally. Built for versatility, it allows for deep UI customization and hardware-level integration across any industry.

Core Capabilities

Advanced Control & Automation

1. **Smart Actions & Triggers:** Execute remote actions via HTTP, Bluetooth, WebSocket, or Serial.
2. **IOT Integration:** Seamlessly connect with sensors and external hardware for responsive environments.
3. **Virtual Interface:** Inbuilt Virtual Keyboard, Mouse access, and Remote Desktop for full endpoint takeover.
4. **Custom Control Pads:** Design bespoke tablet-based UI layouts for fluid user interaction.

Comprehensive Device Management

1. **System Health Monitoring:** Real-time tracking of station status, software health, and hardware properties.
2. **Remote Operations:** Execute Shutdown, Restart, Updates, and Wake-on-LAN (WoL) centrally.
3. **Security & Access:** SSO integration and Role-Based Access Control (RBAC) with "Approve to Play" workflows.
4. **Troubleshooting:** Real-time screen capture, recording, and remote troubleshooting tools

Dynamic Content & Data Integration

1. **Unified Media Support:** High-fidelity playback for MP4, AVI, MOV, H.264, and MP3.
2. **Live Data Feeds:** Real-time integration with Webpages, HTML5, RSS, HLS/RTSP streams, and CSV/Excel/Google Sheets.

3. **Responsive Layouts:** Multi-zone splitting with independent content control per zone and global media sync.
4. **Emergency Infrastructure:** Instant global Emergency Alerts and automated WhatsApp/Email notifications.

Analytics & Intelligence

1. **Historical Data:** Track content impressions, system logs, and user interaction stats.
2. **Automated Reporting:** Schedule and share detailed daily reports and version histories.
3. **Smart Caching:** Data compression and offline support to ensure zero downtime.

Technical Specifications

DESCRIPTION	SPECIFICATIONS
OS Compatibility	Android / Linux / Windows
Input Support	Text, Image, Video, Webpages, HTML5, RSS, HLS/ RTSP Live Streams
Connectivity	API / Webhook Integration, IOT, WebSocket, Serial, Bluetooth
Deployment	Cloud-based
User Management	Multi-tier Hierarchy, SSO, Unlimited Users
Interface	Fully Customizable Layouts, Kiosk Mode, Flip Book, Multilingual
Resolution Support	High-definition (Native support for custom orientations)
Reliability	Smart Caching, Offline Playback, Automatic System Logs

*the specifications are subjected to change without prior notice.
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For More Information



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