CRYSTAL CONTROL

CRYSTAL™

Wherever Content Flows...℠

NETWORK MANAGEMENT SYSTEM (NMS)

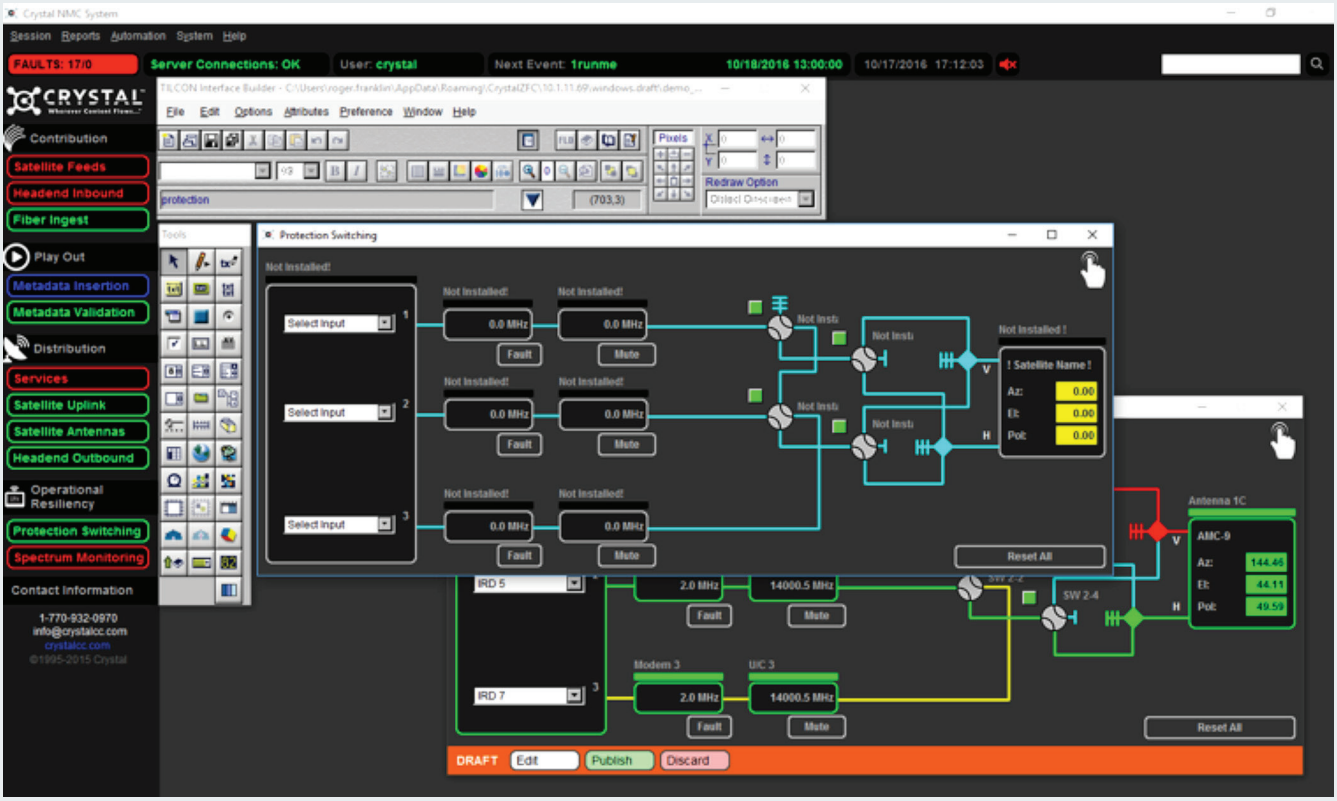
The Network Management System (NMS) sits at the heart of Crystal Control, centralizing, tracking, and visualizing how signals flow through entire video, satellite, and data network systems. Customized for every installation to enhance workflow, NMS connects all equipment, regardless of type, vendor or age.

We interface to any device and any system, extract data into a common format, display on easy to use dashboard with video thumbnail display and fiber/IP link controller.

DEVICE CONTROL PACKAGE (DCP)

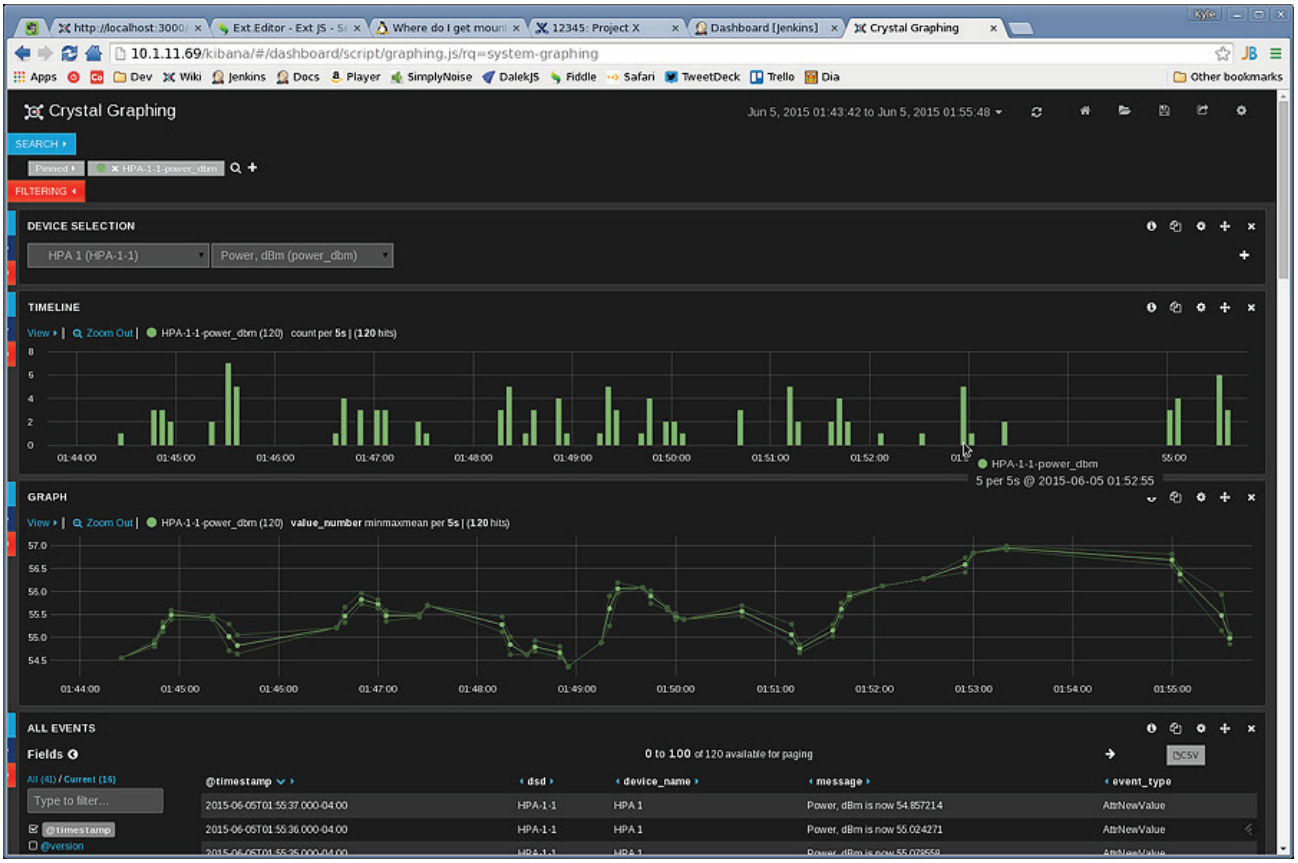
The Device Control Package features:

- **Automation** – Truth table, logic, script processor.
- **Basic Scheduler** – The scheduler is able to execute scripts at a specific time and day. It's flexible enough to support recurring events. The scheduler is often used to setup individual devices that are needed for incoming feeds. Also, the automatic generation of reports is easily accomplished by scheduling report generation scripts when desired.
- **Security** – Security is more important than ever and there are many different areas that need to be secure, such as remote access, operating system and user interface. Crystal's User Security manages which users of the system have access to control specific sets of equipment. This allows equipment on the same system to be divided into operational groups, such as news, sports, network, syndication, engineering and maintenance, monitoring, etc.
- **Crystal Web Interface (CWI)** – The CWI is a web-browser interface through which system administration and managerial functions are performed. A client license is not needed to use the CWI and any authorized user can access it through any web-enabled device.
- **Configuration Manager**
- **Logs** – Activity, faults, masked fault report, graphing
- **Custom reports**
- **ZFC UI client** – drag and drop editor
- **GPIO M&C**
- **Compression system monitoring**
- **M&C of Chassis and card equipment**



HEADLINE

Room for more copy.



Crystal Carrier ID also controls third-party L-Band routers, if required. Routers can be controlled either directly or by using an existing control system, like Crystal Control.

Feel free to write notes here:

For more than 30 years Crystal has been providing software that makes any combination of equipment in the broadcast operation, from practically any manufacturer, operate as a single, seamless system. Today, Crystal automates monitoring, control and metadata management, from traffic, scheduling and playout though OTT/TVE delivery and traditional distribution. For live/linear-to-OTT, Crystal uniquely delivers the necessary metadata (SCTE 104, 35 and 224) – with frame-accurate precision – to enable the automation of digital rights enforcement, contextual dynamic ad insertion (DAI) and live-to-VOD (C3, D4, LookBack, nDVR). From physical to virtual, from your broadcast network to the public internet, Crystal makes content flow.

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