

# **UCrypt**<sup>®</sup>

UCrypt<sup>®</sup> Monitoring Server



The demand for efficiency & reduced operating costs are clear. Operators require centralized control of their video services delivery.

The UCrypt® monitoring server provides quick access to real-time information such as the health & status of all deployed UCrypt devices. It acts as a central site & information repository that NOC personnel, anywhere, can access.

The UCrypt monitoring servers use syslog forwarding, SNMP, & HTTPS protocols, all using a customizable rule/trigger creation capability. This allows for the creation of rules for alerts based on combinations & timing of various syslog, SNMP or HTTPS events. These rules & triggers are based on ATX Networks' years of experience with field feld deployed UCrypt devices & on feedback from MSOs. These go beyond SNMP alerts interpreted individually & truly help NOC personnel manage their systems across their footprint.

MSOs can define how they want to receive information & who receives it. With the UCrypt monitoring server, devices can be grouped & sub-categorized to correspond to an MSO's organization scheme. Whether it is by region, by system, or another method, MSOs have the flexibility to monitor their UCryps in a similar manner to their other deployed hardware. They can also configure the UCrypt monitoring server to provide customizad reports based on that information.

User tracking & alert notifications are an important part of the capabilities of the UCrypt monitoring server. The system allows for the creation of multiple user accounts, so actions can be logged & tracked by user. It also enables specific users be sent customized email alerts based on the received alert.

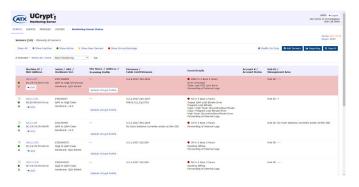
Yet another benefit of the UCrypt monitoring server is its flexible deployment on various platforms. MSOs can install the UCrypt monitoring server as a virtual machine\* on their supplied servers (such as generic data center servers) or, if preferred, ATX can provide dedicated server hardware as part of the solution.



## Features

#### **Robust Monitoring & Alerting**

- Real-time snapshot of system health
- Continuous monitoring of all deployed UCrypts
- Dashboard-based design for easy notificatio



#### **Advanced Rule & Trigger Creation**

- Default rules & triggers based on extensive in-field experience
- Beyond individual SNMP alerts
- Customizable rules for creating alerts using syslog, SNMP or HTTPS events



### Flexible & Configurable

- Can be installed on a virtual machine, on a supplied server, or purchased with dedicated server hardware
- Custom & pre-configured reports
- Group & categorize units to correspond to the organization's deployment scheme

ATX UCryp	ot'i	
TATUS EVENTS PROFELI	ES SYSTEM System Configurat	ion .
Network Coeffiguration	Configure Network Configure Syslog Forwarding IP Configure Trap Destination Server	
User and LDAP Configuration	ion Configure Users Configure LDAP	
Location Timezone Physical Location	Eastern • Ajex Lab Demo Set Location	System Location The system timezore controls the time used by the Honitaring internally. The Physical Location field is used within this GUI and monitoring systems to provide a friendly identifier for the machine.
Current Date Override System Date	Set Carrent Date	System bete If your system has a working upstream network connection you should never need to set the system date. It will use a hetnock Time Frotool server to keep the data accurate.
Pearer Raboot Time;Delay Raboot Shutdown Cancel Power Cycle Periodic Raboot Time	*1 Rebool Shatdown Gacel Dhatdown Preser Cycle Orshind Save Pariodic Reboot	System Hates Of Sec. 7.2.302 (2014) 1312 Documentations. Television 1000 Television 100 Televisio
Firmware Sx3J Current Firmware Firmware Smage	Noribering 15697 Decer File No file chosen Updating firmware vill Immediately interrupt eviper.	Ucense $\label{eq:rescale} \text{Hease see the } \P_{\text{License page for licensing information}}.$

\* When configured as a virtual machine, the UCrypt monitoring server requires the following minimum server resources:

PROCESSOR: 6 Cores (2.6 GHz) RAM: 8 Gigabytes (GB) HARD DISK SPACE: 120 GB OPERATING SYSTEM: CentOS 7.0

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