

D2Monitor is an Enterprise level monitoring and alerting platform that provides a comprehensive view into all of the D2D systems. From the intuitive dashboard that provide real time status of each system, you can drill down and get the details you need to address issues that may arise. With D2Monitor you get the monitoring and alerting you need to maintain a reliable and high quality operation.

## Applications

**SRT Transmission Monitoring:** Monitor the transmission of streams sent over Secure Reliable Transport (SRT) to ensure that they are delivered as expected. The detailed SRT network statistics include lost and retransmitted packets that can indicate issues with your IP transmission system.

**Distributed System Alerting:** Get real time alerts from remote systems to ensure that all streams are being processed and transmitted. Now unmanned remote sites can be managed with confidence by having critical system health regularly reported.

## Key Benefits

**Centralized Monitoring:** All of your D2D systems can be viewed from the D2Monitor dashboard so that issues can be quickly identified and addressed. Each unit is listed in summary or detailed form so you can see exactly what is going on including the last check in time, system health and critical statistics for each individual stream.

**Automated Alerts and Email Notification:** The D2Monitor system aggregates the SNMP alerts from each of the D2D systems and can be configured to automatically send the alerts over email to your on call staff. Alerts can include loss of sync of any stream or one of the many data points that is continuously monitored. See the specifications section below for a complete list.

**Proactive Issue Identification:** By continuously monitoring each stream over time, you can use the D2Monitor system to identify minor issues before they become critical. For example variations in SRT Packet Loss or stream PCR Jitter can indicate issues in the transmission chain that may need to be addressed. Rather than wait for an on-air event to occur, you can be proactive in maintaining the stream and network health so that you avoid a catastrophic issue.

## Features

- Enterprise dashboard with all systems summarized with drill down to the details.
- Monitor overall unit health including online status and operating temperature.
- Monitor SRT network statistics including lost and retransmitted packets.
- Monitor stream status including bit rate, continuity count errors, sync and PCR jitter.
- Manage the units configured for monitoring and alerting.
- Create users with specific roles to access D2Monitor at the appropriate level.
- Securely access D2Monitor from an internet connected browser.
- Send alert emails to specific users that summarizes the issue for immediate response.
- Review and clear alarms that are reported to help triage issues as they occur.



## Specifications

### Endpoint Data

- Unit Online/Offline and last check in time
- Unit Uptime
- Unit Operating Temperature
- Stream Bit Rate
- Stream Continuity Count Errors
- Stream PCR Jitter
- SRT Network Statistics including lost and retransmitted packets.
- Sync Status on all Inputs and Outputs.

### Ordering Information

D2Monitor is sold as an annual service per endpoint unit, so contact a D2D Technologies representative or reseller today for a quote.

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### D2D Technologies

Call us toll free at 844-D2D-TECH  
Tel.904-323-4777 Fax.904-363-0967  
sales@D2DTechnologies.com  
[www.D2DTechnologies.com](http://www.D2DTechnologies.com)

