# BirdDog | CLOUD 2.0

## Send NDI® anywhere in the world with SRT encryption.

Cloud changes everything. Now you can expand outside your local network to distribute your NDI® content to anywhere in the world. Utilising SRT, Cloud has 128/256 bit AES encryption all way through the pipeline so you can send over the public internet with total peace of mind that your streams are secure. SRT video transport protocol also ensures reliable streams even over lossy networks.

### The world just got smaller.

BirdDog Cloud allows for remote production from anywhere in the world. All you need is an internet connection and you can instantly and remotely access any NDI® enabled device. Cloud has complete integration with all the tools you need for a real-time remote production with support for NDI Tally, BirdDog Comms, and full PTZ control.

### Ultra low latency.

Cloud is blazingly fast. The SRT integration means that even over lossy connections you can access any NDI® content anywhere in the world at ultra low latency. Want to remotely produce a live stream in Norway from Melbourne? BirdDog Cloud makes it possible.

### PTZ Control, Tally, Comms? Check.

PTZ Control, Tally, and BirdDog Comms (free audio intercom software) are all totally integrated within Cloud. You can remotely control PTZ Cameras from the other side of the world, have complete talk back with your camera operators, and end to end Tally integrated into your production.
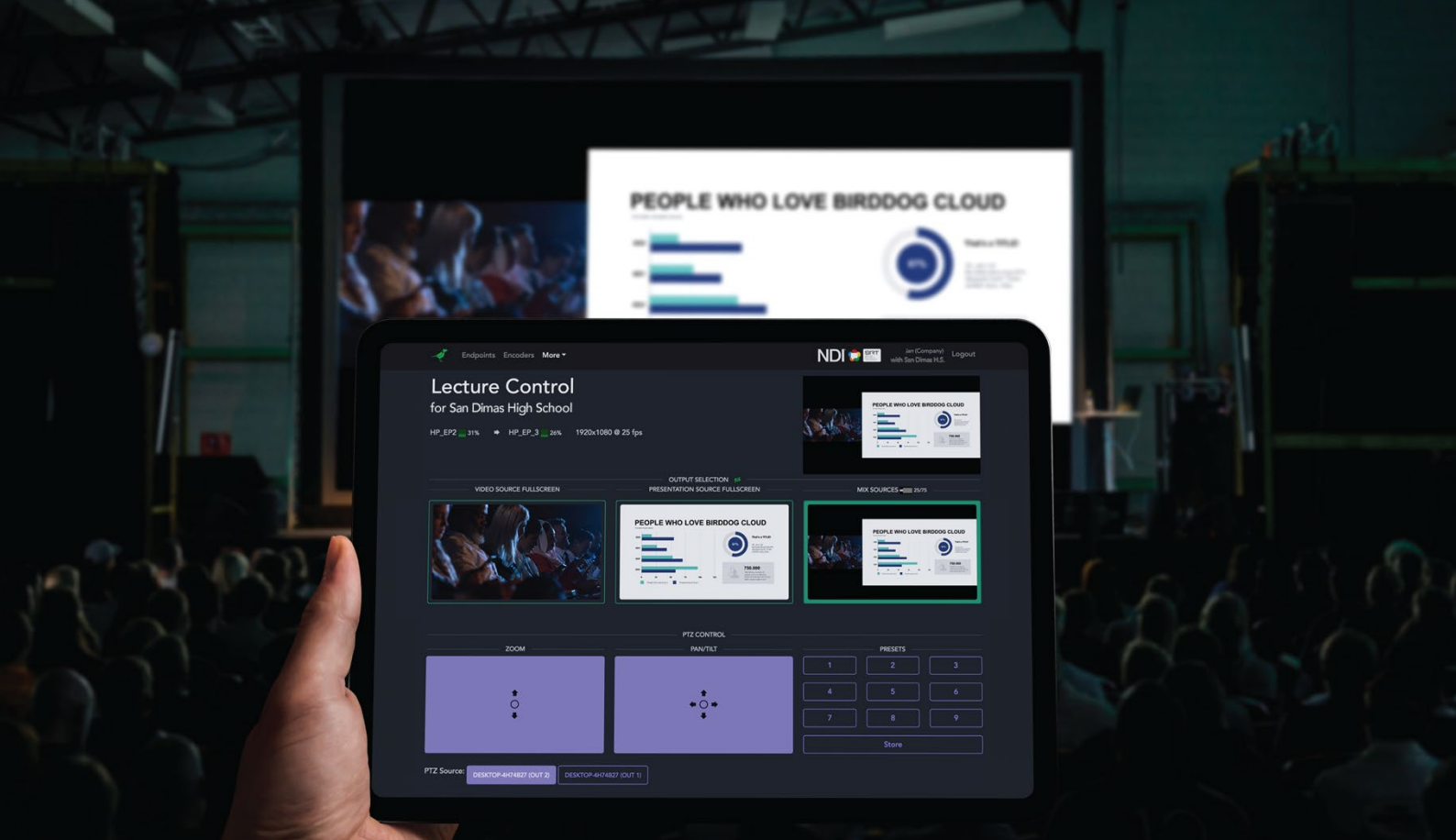
### Total encryption. Total Security.

Cloud uses SRT video transport protocol which has optional end-to-end 128/256 bit AES encryption to ensure your content is protected from contribution to distribution. Whether it's a single point to point delivery or a single stream to multiple sites, you never need to worry about the security of your streams over the public internet.

### Lecture Mode. Share your wisdom.

Non video producers can select sources and a presentation to display at the same time to create a truly engaging presentation. Perfect for schools, classrooms, and corporate communications. Use any web enabled device including iPads, smart phones, and laptops.

### Automatic Failover. Total Redundancy.

Cloud can automatically switch to a failover source on the RX endpoint. Simply select the backup source during set up and enable a separate TX Endpoint and RX Endpoint and you have full redundancy.

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### G'Day Dante.
Cloud Gen 2.0 now supports Dante with up to 8 channels per source and can also flip Dante into and out of NDI for maximum flexibility. Configure any option for Dante in / NDI out, NDI in / Dante out…or keep it Dante to Dante all the way through.

### Portable monitoring.
With the WebRTC module you can monitor your NDI streams on an iPad, tablet or other portable device with close to zero latency.

### Connection Manager.
Drag and drop your endpoints to create a connections. Once connected you will get an animated connection line confirming connection status.

### Cloud Command.
The BirdDog Cloud Command web user interface is a centralized configuration, management, and monitoring portal. Inside Could Command you can quickly view all parameters of your stream, check statistics, and set up any of your connections with a simple drag and drop.

### Everywhere and nowhere.
BirdDog Cloud resides on globally distributed platform based on AWS to ensure maximum reliability and availability. We're still not sure if this is some kind of sorcery or quantum superposition.

### SRT. Goodness personified.
SRT stands for Secure Reliable Transport and is a video transport protocol that enables the delivery of high-quality and secure, low-latency video across the public Internet.
BirdDog Cloud uses SRT to create the link between endpoints and also supports SRT Caller/Listener, and rendezvous. Along with NDI BirdDog Cloud can also accept an MPEG-TS ingest from software such as Cinegy and vMix, or from hardware such as Haivision Makito, or Epiphan Pearl.

More informations at **bird-dog.tv/cloud**.