

# SecureStream

Securely share content beyond the control room



25 years ago, you needed to be positioned behind your desk to answer a phone call. But the world has become increasingly more mobile since then and today we can communicate freely in many different ways, wherever we are. SecureStream, a user-friendly media streaming solution easily and securely enables sharing content with field staff or remote experts.

Typically, the control room is the central intelligence hub of an organization. This is where all the **information is collected and visualized**, and where critical decisions are made. Things get more complex, however, when a key decision-maker or expert is **located outside of the control room**. In order to quickly give these people a better situational overview, the operator can now **stream selected content** to remote locations.



## Inform and consult stakeholders

By simply **dragging and dropping** video or data sources into a so-called 'SecureStream channel', control room operators can easily **inform and consult external stakeholders** and **share content with field staff or remote experts**. In this way, authorized external people get a complete situational overview, contributing to better and faster decision-making. Optionally, content can also be streamed **from the field into the control room**, so field workers can provide first-hand information from an incident to the control room operators. This highly increases the situational awareness in the control room.

## A system designed for the user

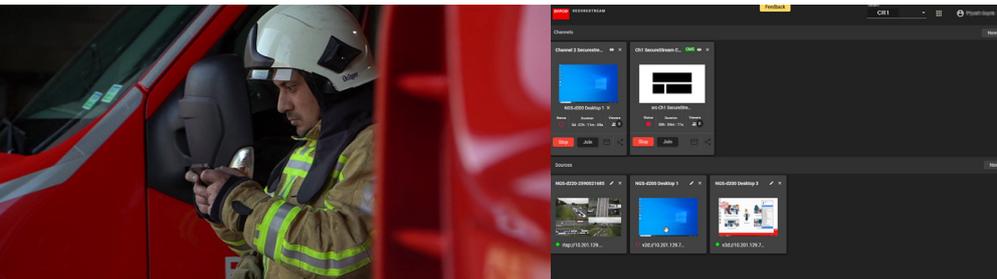
SecureStream is extremely easy to use from either a **web browser or from within the control room software**. By using a very **intuitive user interface**, it makes it easy to see the overview of available content sources. Control room operators can simply drag and drop content into a SecureStream channel and then provide the relevant link to selected receivers. The content can be **video, data, or even a CMS perspective** (a group of content that logically belongs together). The receiver uses a web browser on laptop or mobile phone to view this content. It's simple for everyone involved.

## Security at the heart

The simplicity of operation does not conflict with the solution's security. SecureStream was designed to couple **user-friendliness** with the **highest level of security**. The system uses both on-premise and cloud technology to stream the content to the receivers. This hybrid on-premise and Software-as-a-Service (SaaS) configuration helps to **lower the risk of intrusion** on the enterprise network, maximizing security. All services are thus delivered over encrypted connections, fully based on proven industry standards. Furthermore, all remote access is managed at an off-site secure entry point.

## Benefits of remote monitoring

Remote access to information systems used to be mainly a privilege of field engineers, patrol vehicles, first responders, and the likes. What has changed today, is that the tasks that were typically performed in the confined space of the control room, now also can be performed **in collaboration with remotely located operators and field workers** – working in a smaller, separate control room or from home. For control rooms, SecureStream brings a number of advantages in being more efficient in the use of resources. It gives control room stakeholders the capability to **monitor the right information when they need it, wherever they are**. By making content available in the field, incidents or maintenance issues can be solved directly by the expert, without having to rely on a back-up operator.



## A strong showcase, with room for expansion

With SecureStream, Barco makes **streaming content outside the control room** both **secure and user-friendly**. SecureStream does not stream the actual data, but a video stream containing the necessary information. Only pixels are shared, no data. This makes it impossible for hackers to gain access to the secure network.

Fast and well-informed decisions require that remote **stakeholders** on both ends of the communication channel **share the same view and see the available information in exactly the same way**. Any device with an internet connection can access this information – in case he or she has the necessary permissions, of course.

The **integration with Barco's Control room Management Suite (CMS)** is another operational improvement that makes SecureStream more attractive for users.

## Control room and information management

There is no single way to design a control room to manage operational information. Some control rooms are small, some are large. Some have a display wall, some don't. Setting up a new control room environment, therefore, requires operators, supervisors, and other stakeholders to think first about **what information they need and what they want to do with it**. With **over 20 years of experience** in a growing number of markets, Barco can provide the building blocks and the expertise for making your critical information management successful. And if your information requirements change along the way, Barco's control room visualization solutions can grow with your needs.

