# Goals

* Establish streaming as an easy-to-use standard resource at Netlight
* Create a set of recommendations for every office how to do streaming including
  + Suggested devices (camera, micros, etc.)
  + Software
* Create a streaming kit that non IT can use to setup streaming quickly and easily at any time
* Required features:
  + Recording and live streaming at the same time
  + Possibility to ask questions from other locations during the event

# Ideas

# Possible Devices and Software

## Broadcasting software

* [Wirecast](http://www.telestream.net/wirecast/overview.htm). Broadcasting software for macOS and Windows. Image mixing, add titles, remote desktop, send to a streaming service, record.
* [Wirecast Go](http://www.telestream.net/wirecast-go/overview.htm). Stream from an iPhone either to a production computer with Wirecast or directly to YouTube.
* Desktop presenter. Companion software for Wirecast. Stream the screen from a computer to a production computer with Wirecast. There can be several seconds delay, so beware if the computer is showing videos with sound.
* [OBS Studio](https://obsproject.com/). Broadcasting software.

## Streaming services and software

* YouTube
* Livestream.com
* Wowza Streaming Cloud
* Wowza Streaming Engine (self hosted)
* Setting up an own NL webserver to host this events

## Hardware

* Webcam
* Blackmagic UltraStudio mini recorder. USB or Thunderbolt capture card for HDMI or SDI.
* Blackmagic Intensity. USB or Thunderbolt capture card for HDMI or analog video and audio.
* Using our iPhones for the video recording, as they have a really good audio and video quality

# NetTalks

Perhaps live streaming could be added to NetTalks (the existing on-demand streaming platform for Netlight) so that we have one platform for streaming that supports live and on-demand streaming.