



ARRI LightNet is a unique new software platform designed by ARRI's Solutions Group to offer smart, logical, and at-a-glance centralized monitoring, fault-finding, and management of broadcast studio lighting networks from anywhere.

ARRI LightNet observes and shows all elements across a broadcast studio lighting network—luminaires, consoles, network switches, splitters, nodes, etc.—displaying all the relevant data in real-time on a single interface. This allows for users and technicians to work harmoniously in parallel while accessing and managing different aspects of the network.

ARRI LightNet is widely adaptable for all environments. The user interface can be run simultaneously on various client devices (the tablets, laptops mentioned above) which can be based locally in the studio or production control rooms, or much further away, and even in or out of the studio complex via a VPN. This dual local/remote access from anywhere helps maximize the efficiency of technicians working in busy studio environments where time and technology are always critical.

### Main Features

- **Reliability** of the overall system through the implementation of broadcast sector redundancy concepts
- **Efficient**, flexible adaptable workflows
- **Seamless workflow integration** into a central monitoring
- **Remote and local access to lighting network** for location-independent system access
- **Cross-manufacturer and cross-device** with a standardized interface to the general broadcast network

### Functionalities

- Status information from all devices in the lighting network
- Alert identifier for at-a-glance error localisation
- IP interface for integration in central monitoring tool (JSON API)
- Central/decentral system architecture
  - High-performance server connected to the lighting network at back end. The dashboard is accessed via the network
  - Front-end access by simple laptop, service pc, or tablet
  - Multi-user interface: works together on the network with several front-end instances
  - Remote support: monitor network remotely only connected by VPN
  - Support of virtualization: Using virtual machines for back end and front end

### Seamless workflow integration for broadcast lighting systems

