



proximus NXT

# Implement and support a digital services platform for video streaming

Proximus NXT provides you a robust platform for digital services designed to meet all your live and on-demand streaming needs. The architecture of this platform is built on two environments running on Azure : a production platform and a staging platform, dedicated to test end-to-end the complete workflow for requested evolutions and features.

## Key features

### Seamless Integration and Setup

The transcoder/encoder platform can be integrated into your existing infrastructure or into one of our datacenters. This encoding platform also has dedicated channels to be used for the staging platform

### Reliable Connectivity

Each encoder is connected via an ExpressRoute to an Azure POP, configured in a fully redundant active/active setup. This ensures your content to be always available to your audience.

### Comprehensive Cloud Architecture

Our platform leverages Azure public cloud services, incorporating all necessary components to deliver, secure and store your metadata, live video feeds and video-on-demand assets.

### Secure Storage

A zone-redundant blob storage is used to store all your metadata and video files. This protects your data against any potential failures.

### High-Performance Streaming Engine

Redundant Virtual Machines host streaming engine that support both live and VOD HLS streaming channels.

### Advanced Service Hosting

Azure Kubernetes Service (AKS) hosts services such as web hosting for APIs, Elasticsearch, Cassandra DB and video clipping.

### Frontend Services

Your streaming and reporting/dashboarding are accessible via Azure Front Door. However, the staging platform frontend is only accessible within you and Proximus NXT.

### Secure Backend Services

Services such as APIs are secured with Web Application Firewall (WAF) and additional security measures within the web hosting modules in the AKS cluster.