

Case study

Streaming the Highways: How ARDOT Uses CamStreamer App for Live Traffic Monitoring

About the project

The Arkansas Department of Transportation (ARDOT) is a government-owned entity that **maintains over 16,000 miles of road in Arkansas, United States**. As part of their initiative to provide real-time, accurate, and comprehensive traffic information, they developed a unique application called „[I Drive Arkansas](#).“ This **online portal and mobile app** serve as a complete guide for travelers, providing updates on all roads, highways, and significant traffic spots across the state. A unique feature of this platform is its **live streaming capabilities**, powered by CamStreamer App, integrated into over **450 high-quality cameras** supplied by Swedish manufacturer Axis Communications.

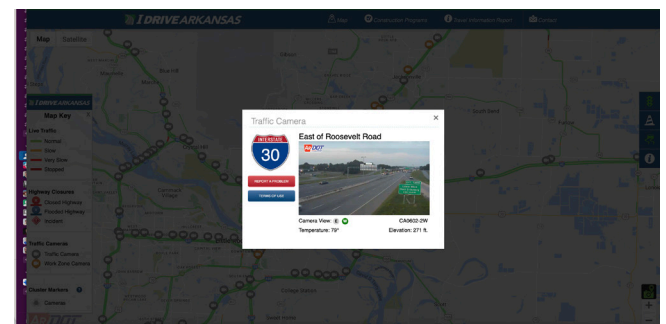
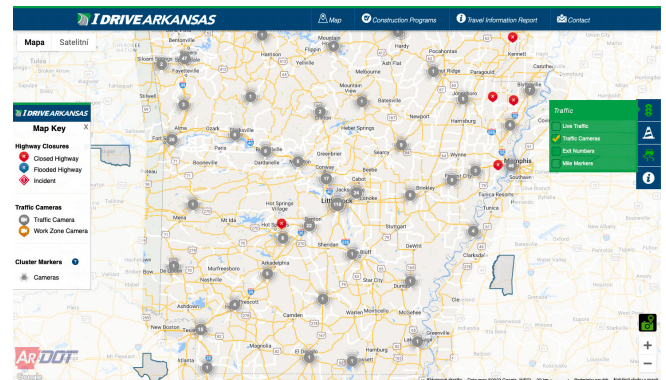
Technical Solution

Since 2017, ARDOT started using the [CamStreamer App](#) for its **live streaming feature** on the „I Drive Arkansas“ platform. This **in-camera app works with various models of Axis Communications cameras** installed across the state’s critical traffic locations. The most widely used models are **AXIS P5655-E**, **AXIS P5635-E-MKII**, and **AXIS Q6215-LE**, among others.

These cameras, embedded with the CamStreamer App, send an **RTMP stream directly from the camera to the ARDOT platform**. From there, the stream is relayed to the I Drive Arkansas website and mobile app, providing users with live, **high-quality streaming of traffic situations across the state**.

List of Supplies

Camera models:	AXIS P5635-E MK II AXIS P5655-E AXIS Q6215-LE AXIS Q6135-LE and others
ACAP application:	CamStreamer App
Streaming platform:	www.idrivearkansas.com
Location:	Arkansas, USA



Conclusion

Over the years, ARDOT has greatly appreciated the **simplicity, robustness, and problem-free service offered by the combination of Axis Communication’s cameras and the CamStreamer App**. The wide range of camera models, equipped with the CamStreamer App, offers high-quality video streaming capabilities that assist ARDOT in maintaining effective traffic management and providing accurate, real-time traffic updates to road users through the „I Drive Arkansas“ platform.

This innovative solution offers a **user-friendly interface for travelers**, enhancing the efficiency of road usage and contributing to the overall **improvement of the transport system in Arkansas**.

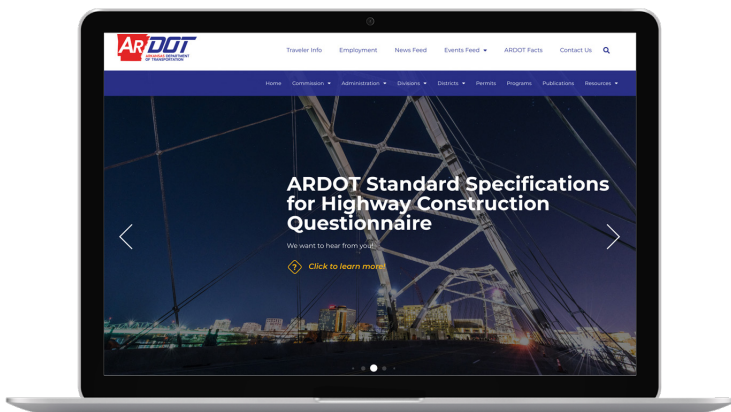


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Arkansas Dept. of Transportation

- www.ardot.gov
- www.idrivearkansas.com



Axis network cameras

- High-quality and durability
- Wide selection of cameras
- www.axis.com



<https://camstreamer.com/resources/>

