

INTEGRATION CASE STUDY

Information on air quality directly in the live stream thanks to the CamScripter App

About the project

Not only are we able to **embed data** into a **live stream** from score tables, individual meteorological stations, transit servers or temperature and internal sensors – this time, we'd like to show you another interesting integration! **Air quality** is a highly discussed issue around the world. That's why we were asked by the sales engineer of **Axis Communications** about the possibility of embedding **current data on air quality** directly into the live stream.

About the World Air Quality Index

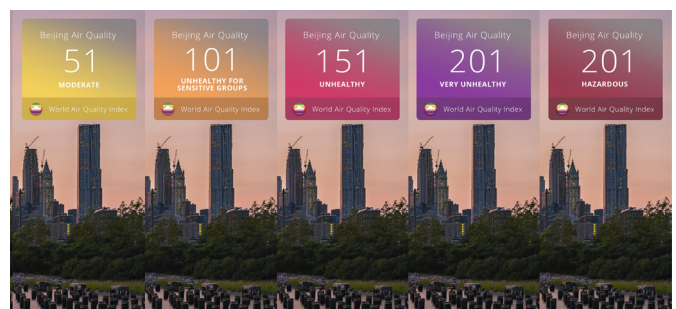
The World Air Quality Index project is a non-profit project started in 2007. Its mission is to promote **air pollution awareness** for citizens and provide unified and world-wide air quality information. The project is providing transparent air quality information for more than 130 countries, covering more than 30,000 stations in 2,000 major cities.

The technical solution

For this solution, an **AXIS IP camera** that runs the [CamScripter App](#) is needed. A micro-application, which is available free at <https://github.com>, is then downloaded into this application. After filling in the configurations, the **micro-application** ensures that **data** is downloaded and depicted from the **Air Quality Index** project – a widget with the **air quality index** in a color corresponding to various categories of health impact (according to Air Quality Index metrics). When using it, it's necessary to adhere to the **conditions** on the project's website.



[camstreamer.com/
resources/case-study_
AirQuality_use_case](https://camstreamer.com/resources/case-study/AirQuality_use_case)



Video quality	4K
Camera model	Any compatible camera
ACAP applications	CamStreamer App CamOverlay App CamScripter App

The result

This integration is another **interesting addition** to urban streams and more. "It not only provides interesting added value to our clients' live streams – it also shows that we can **fulfill our clients' requirements** using our applications and that we're able to create integrations with specific products for them," adds Filip Hanek, Filip Hanek, Product Manager of CamStreamer.