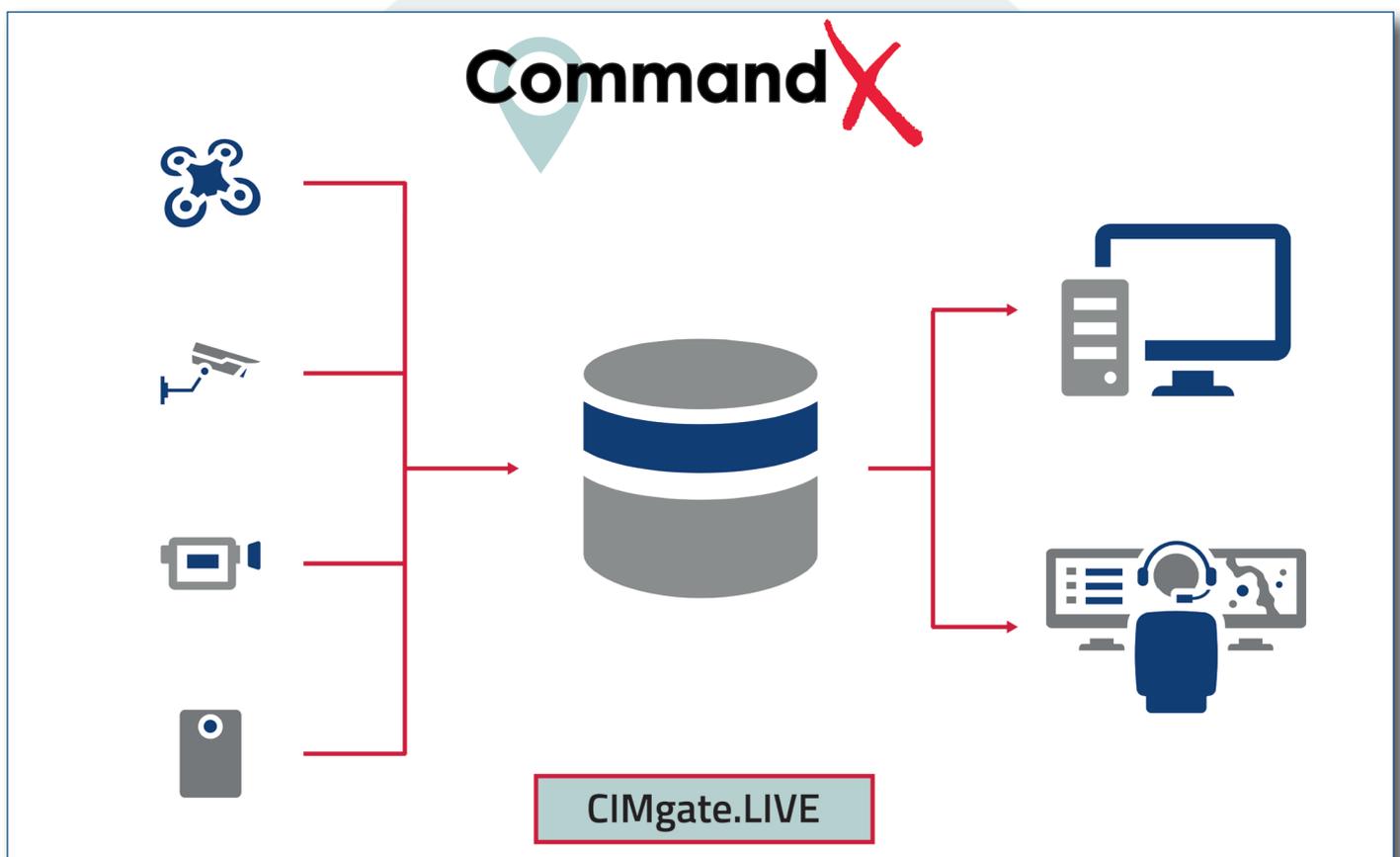


CommandX

CIMgate.LIVE

With CIMgate.LIVE, Eurocommand offers you a powerful application for connecting video and live data infrastructures to the CommandX platform. Existing standard interfaces can be easily used or newly realised via different agents. Data is exchanged based on gRPC remote procedure calls via secure data connections. CIMgate.LIVE is used to transmit video streams and live data directly to the CommandX command support software, where these data are processed into real situation information. RTMP, RTSP, HTML and WebRTC are supported as streaming protocols.



~~X~~ Video-Streams, telemetric data, CCTV

~~X~~ Integration of drones (UAV)

~~X~~ Integration of bodycams

~~X~~ Realtime-Mapping

~~X~~ AI Ready

~~X~~ Multi Device Use



EUROCOMMAND®



CommandX

CIMgate.LIVE

Video-streams, telemetric data and CCTV

Use the video proxy integrated in CIMgate.Live to integrate video data from different sources in the common formats RTMP, RTSP, HTML and WebRTC into the CommandX platform and enrich the situation picture with further information. Live images can thus be linked via additional agents with telemetry data on the current status of the unit or, in order to bring the position of the unit into spatial context with the live image. Thanks to the possibility of integrating common video surveillance cameras, these can be directly integrated into the situation display and the data can be used in the CommandX platform without further software.

Integration of bodycams

Through forces equipped with bodycams, you always benefit from your own insight into the situation on the ground. With body cams, you can benefit from a secure connection from the camera to the situation display. This allows you to see what your forces see on the ground and geo-referenced in your situation picture, enriched with status information including manual alerting to increase the safety of your forces.

AI Ready

The CIMgate.LIVE is designed to be future-proof and, in addition to other agents, artificial intelligence can also be used to optimise and analyse live data. This enables, as Eurocommand shows in current research projects, e.g. support in the search for missing persons by an artificial intelligence, which searches the live images of drones in the infrared stream and video stream and thus supports the emergency forces in difficult situations.

Integration of drones (UAV)

Integration of drones to gain a quick overview of the situation or to conduct searches for persons. With the help of CIMgate.LIVE, drone data is integrated into the command process. Search areas can also be assigned to the drone from the situation map for searching persons; the live images of the drone are displayed directly in CommandX. CIMgate.LIVE can provide drone-specific agents to display additional information such as position, flight range or the status of the aircraft in addition to the live images. The integration of large drone manufacturers or special solutions for autonomous systems enable the best situation to display surrounding area.

Realtime-Mapping

With the integrated real-time mapping, operation sectors are already mapped live during the flight or immediately after the end of the flight. This enables a complete picture of the situation and the operation section at any time. With real-time mapping, changes can be compared spontaneously with the map material integrated in the CommandX platform as quickly as possible.

Multi Device Use

CIMgate.LIVE has scalable solutions to optimise situation images. Whether configured as a central server with several autonomous drones and body cams or carried as a small solution in command vehicles - once it has found its way into the CommandX platform, all command levels benefit from better situation reports through the integration of live images. Of course, the role management integrated into the CommandX platform secures the live images against unauthorised access.

