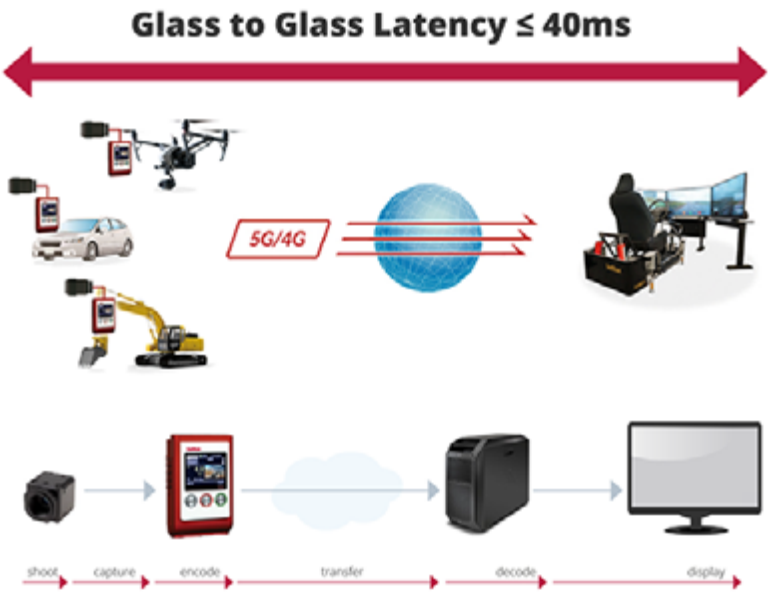
Ultra-Low Latency Live Video Transmission Technology

5G MEC ready

Soliton Systems' H.265 video codec and the proprietary streaming protocol 'RASCOW2" (Video transmission technology) makes point-to-point encrypted ultra-low latency video transmission possible.

The 'RASCOW2' is a transmission technology that can securely live stream video from a remote location back to any destination, with an incredible glass-to-glass latency of only 0,04s (40ms) over LAN, or 0,050s (50ms) over 5G.



Soliton as a leading IT Security provider in Japan, is ensuring that the technology comes with end-to-end encryption and can safely be implemented in various use cases, such as:

- → Connected Car (autonomous and remote driving)
- → Teleoperation / Construction Machinery
- → Teleoperation / Mining Machinery
- → Teleoperation / Crane
- → Remote Drone Operation
- → Remote Surgery
- → Remote Agriculture
- → Mobile Video Surveillance
- → Live Streaming From Drones

Soliton's 'RASCOW2' technology is already being used to showcase ultra-low latency video solutions over 5G by telecom providers worldwide and will be available as both hardware and software for easy integration. In Europe Soliton Systems has a partnership with the 5G Hub, based in Eindhoven, Netherlands, among whose members we find Ericsson and VodafoneZiggo, whom Soliton closely works with on ultra-low latency projects. In Japan NTT Docomo are using it in their 5G lab where they are testing various opportunities with 'zero' latency streaming and working on 5G and 5G MEC related projects. Many companies join those projects, such as; Toyota, Suzuki, Tokyu Railways, Yamaha and Nissan.

Interested in a collaboration? Please Contact us

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