

## **Astrium's GO3S concept signals a change of paradigm for Earth observation**

Realising that the user demand and market need is evolving towards flexible, dynamic, real-time observation, Astrium has studied GO3S, the Geostationary Orbit Space Surveillance

System, a concept based on optical telescope operating in a geostationary orbit to provide global, real-time, video imagery.

From the geostationary orbit, the system will have permanent real time access to any zone in its area of visibility and will be able to acquire dynamic scenes/videos for as long as needed over the selected zone with a real time downlink capability.

Real-time video allows tracking and characterization of dynamic events. Ending the time dependence of traditional optical data, GO3S has an average reposition time under 3 minutes, allowing any event to be monitored from its first stages.

Thanks to its instantaneous access and its sustainable and real-time sensing capability, GO3S will enable military operations support, live monitoring, as well as tracking and prediction of moving targets.