Smart Robotic Systems GmbH
Weg am Kötterberg 32 | D-44807 Bochum
Phone: +49 234 95545224
info@smartrobotic.systems | www.smartrobotic.systems

SKIDER
smart drone interfaces

SKIDER Mobile for DJI M400

Radiation data over the drone's own link

SKIDER Mobile for DJI M400 connects the Mirion SPIR-Explorer to the DJI Matrice 400 and sends every measurement over the drone's own data link to Mirion SpirMOBILE.

Key features

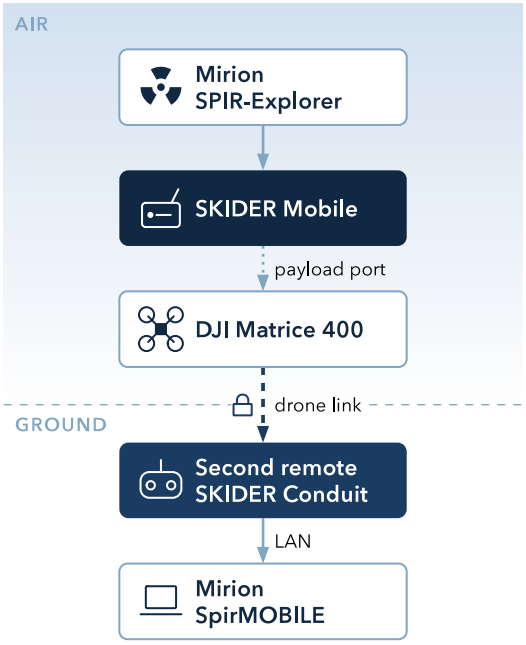
- **No additional radio** – measurements and telemetry use the M400's own data link
- **Mounts under the drone** and connects via the DJI payload port
- **Dedicated payload operator** – the pilot flies with DJI Pilot 2, the sensor operator works in SKIDER Conduit on a second remote: less workload for the pilot, clear roles
- **Georeferenced measurements** – position, time, altitude and battery state from the aircraft
- **Designed for lossless delivery** – onboard buffering and selective re-requests across link outages
- **Recognised by DJI Pilot 2** as the payload "SKIDER Mobile"

Security

Optional encrypted transmission, available upon request – data are encrypted on the SKIDER Mobile before they enter the drone's data link, independent of the platform's own link security.



DJI Matrice 400 with Mirion SPIR-Explorer and SKIDER Mobile.



From sensor to analyst over the M400's own link.
🔒 Optional encrypted transmission.

TECHNICAL DATA	
SKIDER MOBILE FOR DJI M400	
Platform	DJI Matrice 400
Mounting	SKIDER Mobile and SPIR-Explorer under the drone
Platform connection	DJI payload port (E-Port)
Power	from the drone via the payload port
Data link	the drone's own data link
Ground side	SKIDER Conduit on a second DJI remote controller (required; can be supplied)
Positioning	position, time and altitude from the aircraft

Version: 1.4, 03.11.2026
All rights and modifications reserved