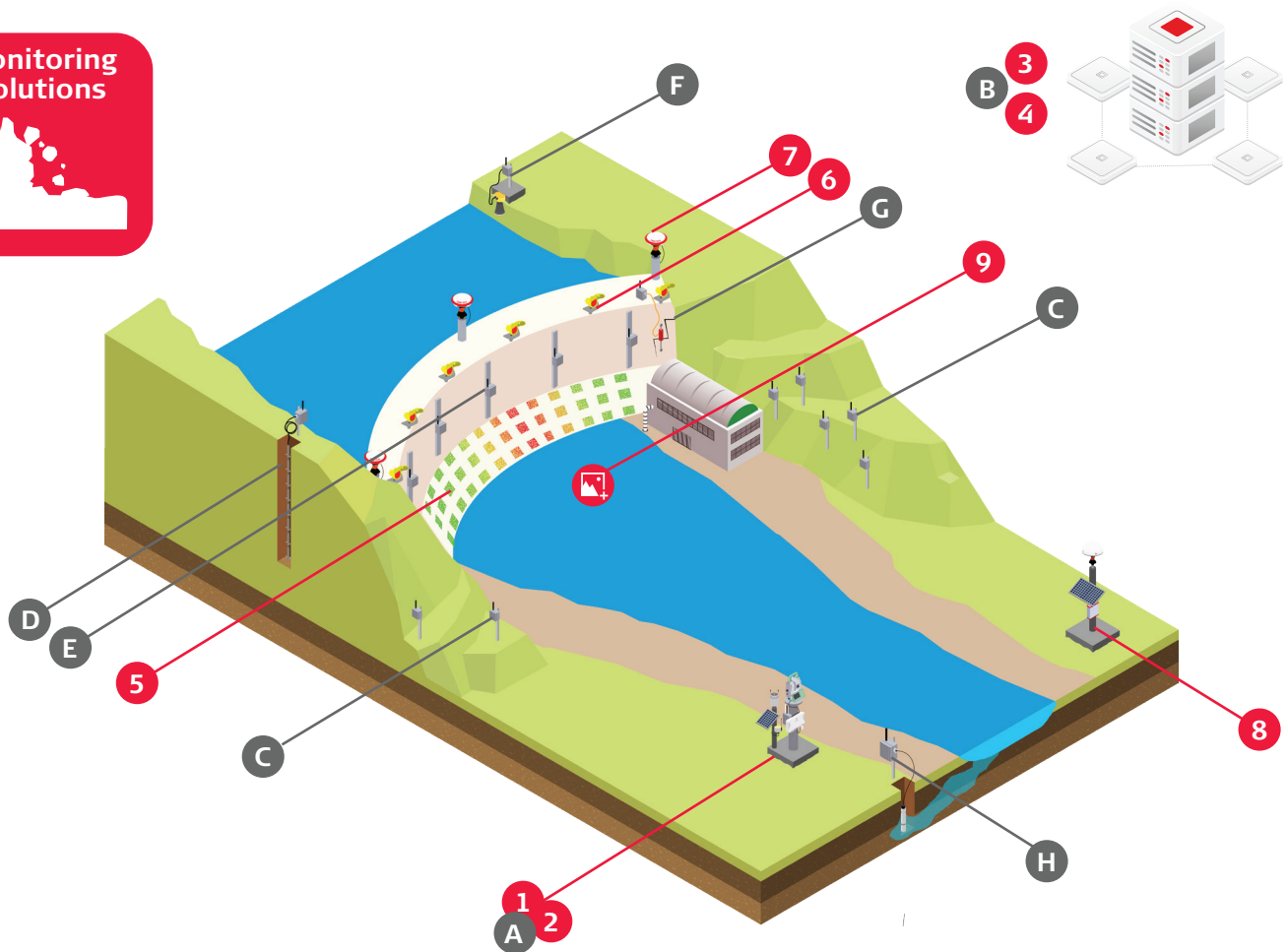


Integrated Monitoring Solution Dam Monitoring



Leica Geosystems solutions

1. Leica TM60 I total station, 3D measurements & imaging
2. Leica ComBox60, power & communications controller with GeoMoS Edge
3. Leica GeoMoS Monitor, data acquisition & computation software
4. Leica GeoMoS Now! data analysis & visualisation software / service
5. Remote detection of surface deformation using fully automated 3D laser patch scanning technology via MS60 and GeoMoS
6. Leica GPR112 monitoring prisms for displacement measurements
7. Leica GMX910 GNSS 3D monitoring, with co-located 360° prism for use with survey control and network adjustment software
8. Leica AR10 antenna with GM30 GNSS reference station with co-located 360° prism and Leica CrossCheck service monitoring the stability of the reference point
9. Remote image capture / live video stream of structure via TPS telescope camera

Integrated 3rd party solutions

- A. Wireless smart data hub for geotechnical sensors
- B. Geotechnical sensor data import into Leica GeoMoS via AnyData
- C. Wireless tilt sensors to monitor slope
- D. Wireless interface with locally connected In-Place-Inclinometer
- E. Wireless sensor distance & tilt measurement for verticality of wall
- F. Wireless interface with locally connected sonar/ radar water level detector
- G. Wireless interface with locally connected crack gauges
- H. Wireless interface with locally connected water level piezometer

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- when it has to be **right**

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