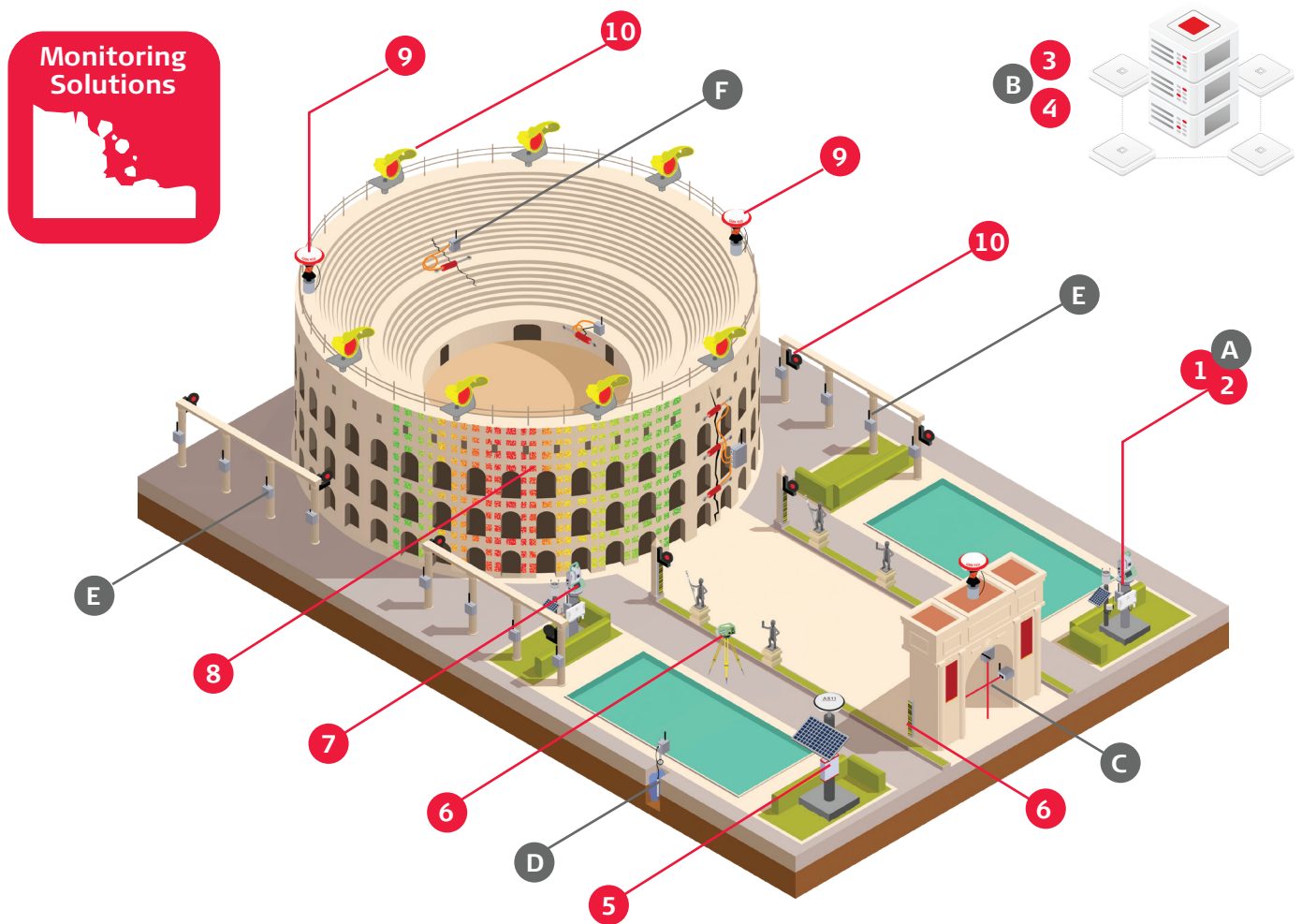


# Integrated Monitoring Solution

## Heritage Structure Monitoring



### Leica Geosystems solutions

1. Leica TM60 I total station for 3D measurement and imaging / live video stream
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. Leica GM30 / AS11 GNSS absolute 3D monitoring
6. Leica LS15 precise digital level used as part of manual campaign monitoring & barcode targets for precise detection of settlement
7. Leica MS60 MultiStation for 3D measurement, imaging and scanning
8. Remote detection of surface deformation using fully automated 3D laser patch scanning technology via GeoMoS and MS60
9. Leica GNSS receiver GMX910 tracking position & providing integrated survey control
10. Leica Original Accessory monitoring prisms used for precise 3D structural monitoring

### Integrated 3<sup>rd</sup> party technology

- A. Wireless smart data hub for geotechnical sensors
- B. Geotechnical sensor data import into Leica GeoMoS via AnyData
- C. Wireless sensor distance & tilt measurement for convergence/compression
- D. Wireless interface with locally connected water level sensor
- E. Wireless sensor tilt measurement for verticality of structure
- F. Wireless interface with locally connected crack gauges