

Digital Twin Solutions



Connect your tower with a digital twin to visualise, understand and act on your tower data

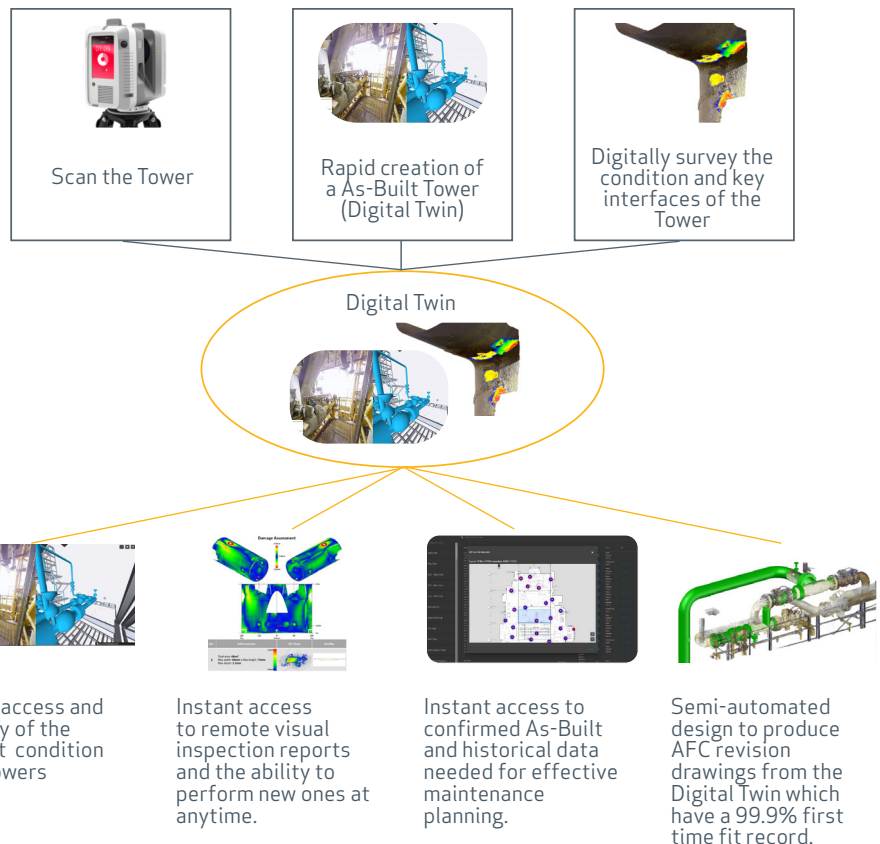
INCREASE IN HSE PERFORMANCE

FULL ASSET CONDITION ASSESSMENT

IMMEDIATE ABILITY TO REACT

STRATEGIC MAINTENANCE PLANNING

INCREASED COST CONTROL



Why we believe ADNOC would get value from this combined digital technology and service

Increase HSE performance

- Increased HSE and Risk understanding – all major aspects of the facilities including structures, piping, safety equipment can be reviewed quickly and safely
- Reduced human exposure offshore, including exposure during transit to and from location

Full asset condition assessment

- Full Asset Condition Assessment
- Complete (Internal and External) condition assessment
- Safety issues (gratings, handrails, stairs, boat landings etc)
- Vast reduction in inspection requirements

Immediate ability to react

- Ability to engineer and fabricate direct from point cloud data set
- Rapid risk reduction

Strategic maintenance planning

- Proven to reduce turnaround times, turnaround planning and turnaround execution costs
- Reduces unplanned shutdowns by enabling 3-5 year strategic planning for maintenance and remediation
- Includes detailed deliverables to execute (fabrication drawings, dimensions, areas)
- Accurate spend profiling – allowing accurate cost estimates for every identified scope of work, without the requirement to attend site

Increased cost control

- Provision of accurate cost estimates for every identified scope of work, without the requirement to attend site
- Allows for short, medium / long term budget planning

Accurate spend profiling

- Connects engineering, integrity and maintenance functions, enabling desktop surveys and visual inspections whilst improving communication between all key stakeholders

