DXC Digital EAM helps mass transit and rail organizations transform their complex asset management systems to maximize asset performance and operational productivity, ensure service continuity, achieve compliance with statutory regulations, contain costs and improve the customer experience.

**Business case**

Mass transit organizations looking to run their daily operations smoothly are facing a number of challenges: increasing ridership, customer demand for zero delays, rising maintenance costs, as well as emerging industry regulations and new security threats. The traditional operating model is no longer adequate to address these challenges. A modern enterprise asset management (EAM) solution is needed.

**Transform with end-to-end digital EAM**

DXC Digital EAM is a data-driven solution that leverages next-generation asset management technology to help mass transit and rail organizations preserve and extend the life of infrastructure assets, minimize unscheduled downtime to gain improved operational efficiency, optimize life-cycle asset management costs, and better protect employee and public safety. DXC Technology works closely with leading EAM technology providers and mass transit experts to customize the best EAM solution to meet individual customer needs.

Regardless of where you are in your asset management journey, Digital EAM can add value with five technology enablers and resources:

- **Asset instrumentation**: Harvest data from edge devices to enable remote tracking and monitoring, and make real-time data available for immediate and actionable insights.

- **Data-driven decisions**: Use artificial intelligence (AI)-decisioning and information-driven solutions to predict equipment failures and optimize asset availability.

- **Digital twins**: Visualize the impact of decisions on asset performance and operations through digital simulations and “virtual” gap analyses.

- **Digital workers**: Increase capacity and improve resource management. Speed resolution of maintenance and service requests with mobile-enabled and digitally connected remote field technicians.

- **Security and resilience**: Implement a holistic approach integrating the security of operational technology and information technology with the security of perimeter and on-premises environments. Integrate all camera and sensory data for real-time monitoring and to simulate threats and plan responses.

**Key benefits**

- Ensure service continuity and enhance customer experience
- Increase agility, speed and efficiency of operations with a digital operating model
- Improve data privacy and security
- Increase asset availability with data-driven insights for predictive and proactive maintenance, thereby reducing maintenance costs by 30 percent
- Support zero incident health, safety, security and environment (HSSE) commitments, and achieve 100 percent compliance with statutory mandates
DXC Digital EAM in action

DXC Technology experts understand the unique challenges faced by the mass transit and rail industries. Our highly-qualified industry team has demonstrated the ability to deliver and optimize EAM solutions for some of the world’s largest public transport authorities:

- **One of the largest U.S. public transit authorities:** DXC transformed the authority’s EAM capabilities and supported its digital transformation journey. The solution enables the authority to plan, track and optimize maintenance activities of assets and infrastructure for its 236-miles of track, improving on-time performance and the journeys of its 15 million customers each week.

- **Large Australian commuter rail operator:** DXC implemented a mobile maintenance work order system for field engineers, improving maintenance performance and reducing costs by 20 percent with the use of business intelligence information.

- **Prominent rail transportation provider in the United Kingdom:** DXC transformed the provider’s paper-based operations to mobile operations to enable a digital workforce, thereby saving time and money with a 40-percent reduction in administrative tasks.

DXC Digital EAM business value

- **Benchmarks our customers’ EAM solutions on 122 key performance indicators against 150 peers, which helps identify gaps and best practices for adoption and provides context for prioritizing initiatives to realize the best return on the core EAM investment.**

- **Enables predictive and proactive asset maintenance using data-driven insights, thereby improving asset availability by 20 percent, ensuring service continuity and enhancing customer experience.**

- **Elevates transit organizations to a digital operating model, thereby increasing operational agility, speed and efficiency, and improving data privacy and security.**

- **Reduces maintenance costs by up to 30 percent.**

- **Supports zero incident HSSE commitments and helps mass transit and rail operators achieve 100 percent compliance with statutory mandates.**

Why DXC?

- **Faster time to value with a holistic, end-to-end approach, covering the entire EAM deployment life cycle (roadmap to managed services). Technical implementation occurs in parallel with requirements definition and business process design activities, resulting in an accelerated and agile deployment process.**

- **Multidimensional asset view, coupled with our deep analytics and AI experience, makes assets smarter, enables the most comprehensive data ingestion to the EAM platform and empowers transit leaders with data-driven insights.**

About DXC Technology

DXC Technology (NYSE: DXC) helps global companies run their mission critical systems and operations while modernizing IT, optimizing data architectures, and ensuring security and scalability across public, private and hybrid clouds. With decades of driving innovation, the world’s largest companies trust DXC to deploy our enterprise technology stack to deliver new levels of performance, competitiveness and customer experiences. Learn more about the DXC story and our focus on people, customers and operational execution at www.dxc.technology.

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