7.2.4 Emerging job roles dashboards

Metadata Project Engineer

🕐 **Estimated Time Horizon: Short-term**

Trends Impacting This Role

Technology trends such as BIM Technology, Digital Twin, Modular Construction, Remote Monitoring and 5G, IoT & Smart Buildings.

Other Considerations

Companies seeking actionable insights to streamline workflows and ensure accountability of data, may look to leverage this specialised role.

Responsibilities of the Role

The Metadata Project Manager is responsible for driving metadata management initiatives and establishing processes and systems to monitor the comprehensiveness and quality of Design & Construction-related metadata. The job holder will establish and maintain value proposition, strategy, and associated roadmap for a robust enterprise metadata management program and lead the design and delivery of enterprise metadata management information and platforms, and application approaches. The job holder may also monitor and create progress reports and performance measurement metrics.

Job Tasks

▸ Drive and oversee the design, delivery and maintenance of metadata systems and processes

▸ Provide actionable insights and/or potential solutions for any issues detected in the Design & Construction process

▸ Participate in meetings, projects, initiatives and activities to help establish strategies and workflow roadmaps for a robust enterprise metadata management program

▸ Communicate and coordinate with stakeholders to define data rules, improve monitoring tools and dashboards and ensure progress/improvement in the metadata management

Technical Skills and Competencies

Application Support and Enhancement	Applications Integration	Business Innovation	Business Needs Analysis
Business Risk Management	Common Data Environment Management	Continuous Improvement Management	Data Collection and Analysis
Design for Manufacturing and Assembly	Emerging Technology Synthesis	Innovation Management	Integrated Digital Delivery Application
Programming and Coding	Systems Integration	Systems Thinking	Technology Application
Technology Road Mapping			

Critical Core Skills

Communication	Digital Fluency	Transdisciplinary Thinking

Note: Skills highlighted are not exhaustive but have been preliminarily identified as potentially most pertinent to the job role and may be adjusted based on individual organisational strategy and needs.

DIGITAL DELIVERY MANAGEMENT