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Maximo Migration and Modernisation to AWS

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Migration and modernisation

IBM® Maximo® Application Suite on AWS

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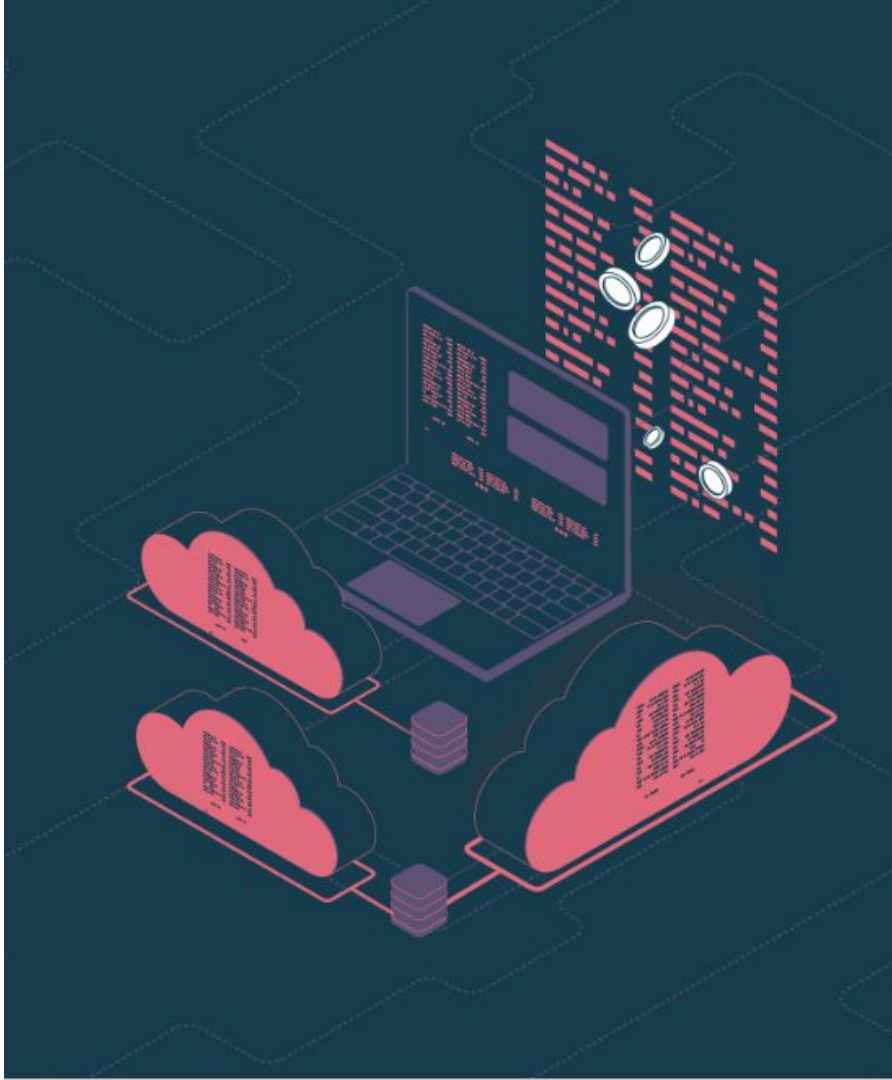
IBM® Maximo® Application Suite on AWS

Migration and Modernisation

As IBM ends support for on-premises Maximo installations, organisations face increasing security and operational risks. Our joint offering combines Thoughtworks' enterprise cloud migration expertise with Certus' deep Maximo domain knowledge to deliver a comprehensive solution for migrating IBM Maximo Asset Management systems to AWS.

This presentation outlines our strategic pathway to migrate to Maximo Application Suite (MAS) on AWS, leveraging funding programs to reduce costs while positioning your organisation for long-term digital transformation.



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The Urgent Challenge

End of Support

IBM's end of support for on-premises Maximo creates an urgent need for migration, with security support ending September 2023 and full support ending April 2027, organisations are facing the following challenges:

- Increasing security and operational risks
- Complex migration requirements spanning application and infrastructure
- Significant costs without clear ROI
- Need for business continuity during migration
- Limited internal expertise in cloud infrastructure

2023

Security Support Ended

IBM ended security patches for on-premises Maximo in September 2023

2027

Full Support Ending

Complete end of support scheduled for April 2027

100%

Organisations Affected

All on-premises Maximo installations require migration

Licensing Conversion Required

App points licensing model must be migrated

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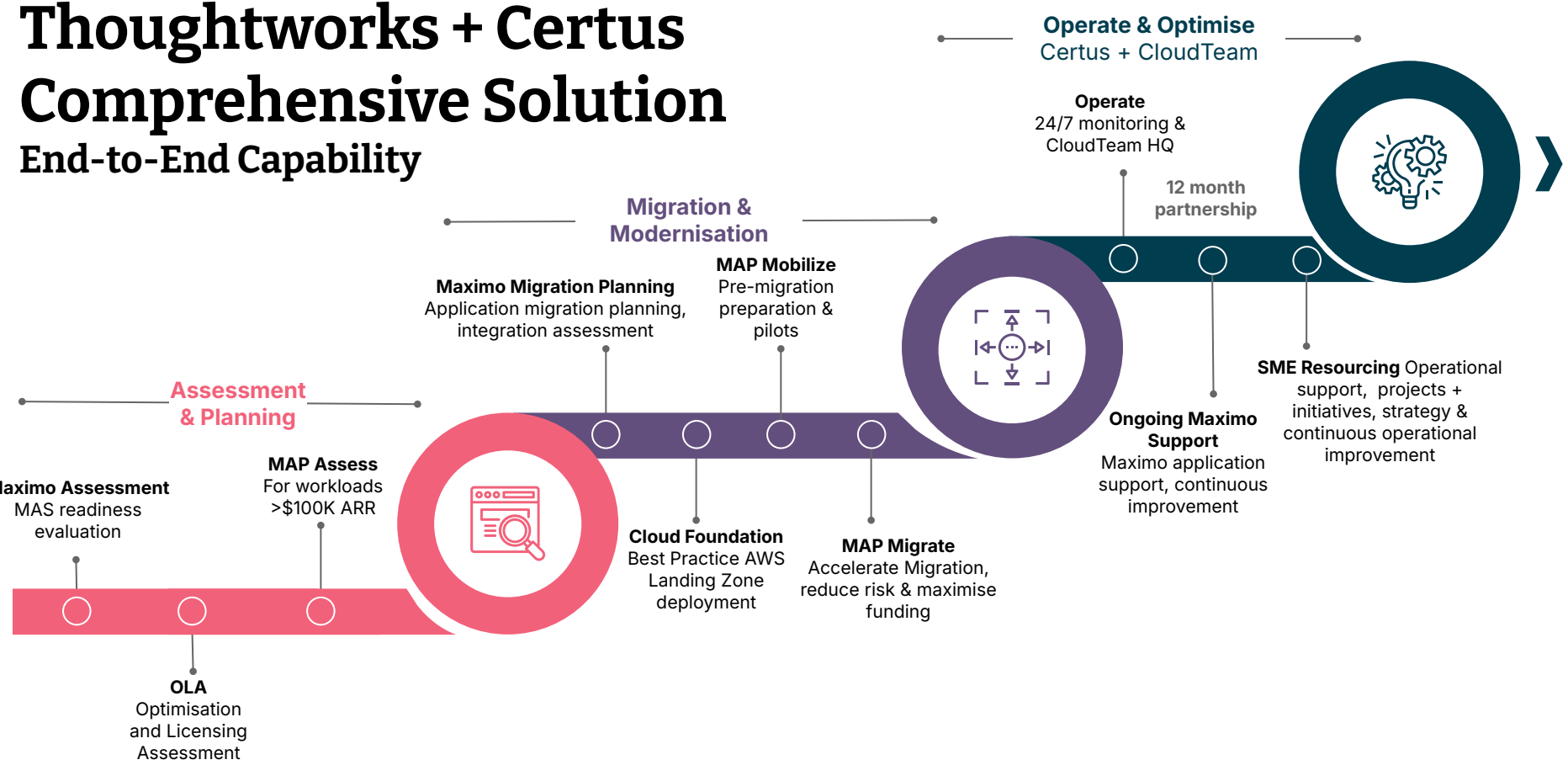
Thoughtworks + Certus Comprehensive Solution

End-to-End Capability



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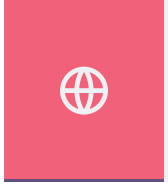
Delivering Exceptional Value

Transform Your Asset Management Strategy

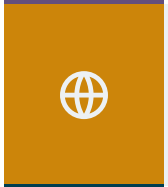
Beyond addressing immediate security concerns, our solution delivers substantial long-term value by transforming your asset management capabilities.

The migration provides a strategic opportunity to modernise infrastructure, optimise costs, and position your organisation for future innovation.



Risk Reduction
Eliminate security and compliance risks from unsupported systems

Cost Optimisation
Leverage AWS funding, reduce infrastructure costs



Strategic Transformation
Enable data-driven asset management and AI capabilities

Operational Excellence
Improve reliability, performance and disaster recovery

Future-Ready Foundation
Establish infrastructure for broader digital initiatives

Asset Management Strategy
Turn your migration into a catalyst for operational excellence and competitive advantage

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Industry-Focused Solutions

Our solutions are tailored to the specific needs of asset-intensive industries

Energy & Utilities
Specialised solutions for Transmission & Distribution operations

Mining & Resources
Heavy equipment and site management solutions

Renewables & EDBs
Specialised solutions for wind, solar, and hydro operations, supporting the transition to sustainable energy infrastructure

Water Utilities
Optimised for water infrastructure management

Transportation
Tailored for fleet and infrastructure management

Facilities Management
Comprehensive building systems oversight

Incorporating industry best practices and addressing unique regulatory and operational requirements

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Our Proven Delivery Approach

Seamless Integration of Cloud and Application Expertise

Our joint delivery model combines Thoughtworks' cloud migration excellence with Certus' deep Maximo expertise, ensuring seamless integration across all technology layers. With Certus and Thoughtworks' proven AWS landing zone automation, we deliver predictable outcomes with minimal business disruption.

Clear Accountability

Single point of contact with clearly defined roles and responsibilities across the entire technology stack. Our streamlined communication channels ensure issues are resolved quickly and efficiently, preventing delays in your migration journey.

Proven Expertise

Thoughtworks' cloud migration excellence combined with Certus' 20+ years of Maximo experience provides unmatched technical capability. Our teams have successfully delivered dozens of similar migrations across multiple industries and regions.

Reduced Risk

Our thoroughly tested migration methodology incorporates lessons learned from previous implementations, addressing common pitfalls before they impact your business. Comprehensive testing and validation processes ensure business continuity throughout the migration.

Strategic Vision

Beyond basic migration, we provide a clear roadmap for future asset management capabilities that leverage the full power of AWS cloud services, positioning your organisation for ongoing innovation and competitive advantage.

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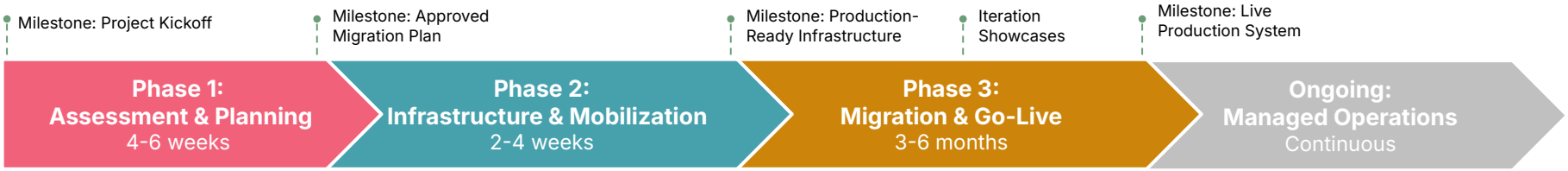
Our Engagement Model

Our proven migration approach combines assessment, infrastructure preparation, and application migration in overlapping phases to minimize business disruption while maximizing funding opportunities.



- **Joint Assessment Workshop:** Maximo application readiness & AWS infrastructure requirements
- **Business Case Development:** ROI analysis with funding strategy
- **Migration Planning:** Technical roadmap and risk mitigation

- **AWS Landing Zone Deployment:** Best practice cloud foundation
- **Environment Setup:** Development, test, and production infrastructure
- **Pilot Migration:** Initial application deployment and testing

- **Application Migration:** Iterative migration cycles with testing
- **Integration Modernization:** API and system connectivity updates
- **Cutover & Validation:** Production deployment with business continuity

- **24/7 Monitoring & Support:** Proactive system management
- **Continuous Improvement:** Performance optimization and feature enhancement
- **Strategic Advisory:** Asset investment planning and digital transformation roadmap

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Funding & Economics

Reduce Migration and Operational Costs Through Strategic Funding

Maximize your investment through strategic funding combinations. Our approach leverages AWS MAP funding, and phased implementation to significantly reduce your total migration cost. Typical engagements see 40-50% of migration costs offset through available funding programs, with additional operational savings of up to $2.5M in AWS Customer Credits.

AWS Migration Acceleration Program

Access substantial funding through AWS MAP to offset migration costs. This program specifically targets workloads like Maximo with enhanced funding options, potentially covering 50% or more of migration expenses.

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Phased Investment Approach

Our structured delivery approach allows for budget allocation across multiple fiscal periods, avoiding large upfront capital expenditure. This phased investment model aligns costs with value delivery milestones.

Operational Cost Reduction

Achieve significant operational savings through infrastructure optimisation, automated scaling, and reduced maintenance overhead. Typical clients see 20-30% reduction in total cost of ownership over a three-year period.

Transformation Bundling

Combine Maximo migration with broader digital initiatives to maximise investment value. This approach enables shared infrastructure costs and creates opportunities for integrated data strategies across business functions.

Next Steps to Begin Your Migration Journey

Start Your Transformation Today

Start your migration journey with our proven four-phase approach, designed to minimize risk while maximizing available funding opportunities.

Discovery Workshop

Discovery Workshop Joint assessment workshop to understand your current environment and objectives. **Leverages AWS MAP funding** for cost-neutral evaluation.

Detailed Assessment

Detailed Assessment Comprehensive migration readiness evaluation including infrastructure and application requirements. **Produces detailed specifications** and risk mitigation strategies.

Business Case

Business Case Complete ROI analysis with **AWS MAP funding (up to 50% cost offset)** and operational savings potential. Includes **board-ready investment proposal** with clear value demonstration.

Implementation Roadmap

Implementation Roadmap Detailed project plan with **parallel workstreams** and key milestones. Defines **clear roles and responsibilities** across teams to ensure seamless delivery.