Enterprise-grade mobile apps – delivered with speed and precision

Take the time and complexity out of mobile app development

Enterprises face increasing challenges in developing, deploying, and managing mobile applications. High development costs, fragmented technology stacks, and slow deployment cycles hinder innovation and delay product releases. Ensuring security and compliance across multiple cloud environments adds additional complexity.

Many organisations struggle with locating application issues, managing complex components, and dynamically allocating development resources. Lengthy release cycles and testing bottlenecks slow progress even further, while traffic peaks remain difficult to resolve. These challenges ultimately impact the user experience, making it harder for businesses to deliver reliable, high-performance mobile applications.

Technology used

- Red Hat OpenShift

Key benefits

- Rapidly build, deploy and manage high performance applications.
- Reduce technological barriers.
- Lower R&D costs.
- Enhance development efficiency.
- Accelerate the mobile application release cycle.

mPaaS stands out against alternatives such as AWS Mobile Hub, Google Firebase, and Microsoft Azure Mobile Apps by offering greater flexibility, support for hybrid environments, and deeper enterprise system integrations.

Discover a faster, smarter way to keep your environment operating at its best

Powered by Red Hat OpenShift, ANT's Mobile Platform as a Service (mPaaS) provides an all-in-one solution for mobile app development, testing, and operations. With a low-code development environment, automated workflows, and seamless enterprise integration, mPaaS accelerates time to market while ensuring enterprise-grade security, scalability, and flexibility.

- **Faster development cycles –** Pre-built templates and automated CI/CD pipelines reduce development time and eliminate bottlenecks.

- **Scalability and flexibility –** Deploy mobile applications across public, private, hybrid, and multi-cloud environments without compatibility issues.

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- **Seamless enterprise integration –** Ensure smooth connectivity with existing enterprise systems for better data flow and operational efficiency.

- **Cost efficiency –** Reduce R&D expenses with reusable components and automated workflows.

- **Robust security and compliance –** Integrated identity management and governance capabilities ensure security across the entire app lifecycle.

- **Improved user experience –** Deliver seamless, personalised mobile experiences with AI-driven recommendations and real-time analytics.

How an automated solution alleviates the risks of manual IT monitoring

Traditional mobile development	ANT's mPaaS solution
Manual coding increases development time and complexity.	Low-code framework accelerates app creation with reusable templates.
Fragmented tools and environments slow down deployment.	Unified platform streamlines deployment, testing and operations.
Difficulties integrating mobile apps with enterprise systems.	Built-in connectors ensure seamless enterprise integration.
Security and compliance require manual monitoring and updates.	Automated security policies and compliance support.

ANT Digital Technologies | Solutions Overview

Key capabilities

- **End-to-end mobile lifecycle management**
  Integrate development, testing, deployment, and operations.

- **Low-code development**
  Reduce reliance on extensive coding expertise with intuitive, drag-and-drop workflows.

- **Automated testing and quality assurance**
  Ensure seamless user experiences through real-time performance monitoring.

- **Advanced analytics**
  Gain actionable insights into application performance, user behaviour, and engagement metrics.

- **Integrated security and compliance**
  Simplify identity and access management, encryption, and regulatory compliance.

Use cases

Financial services development
Secure mobile banking applications with seamless user experience.

Retail
Personalised shopping apps with AI-driven recommendations.

Healthcare
Telemedicine and patient engagement applications.

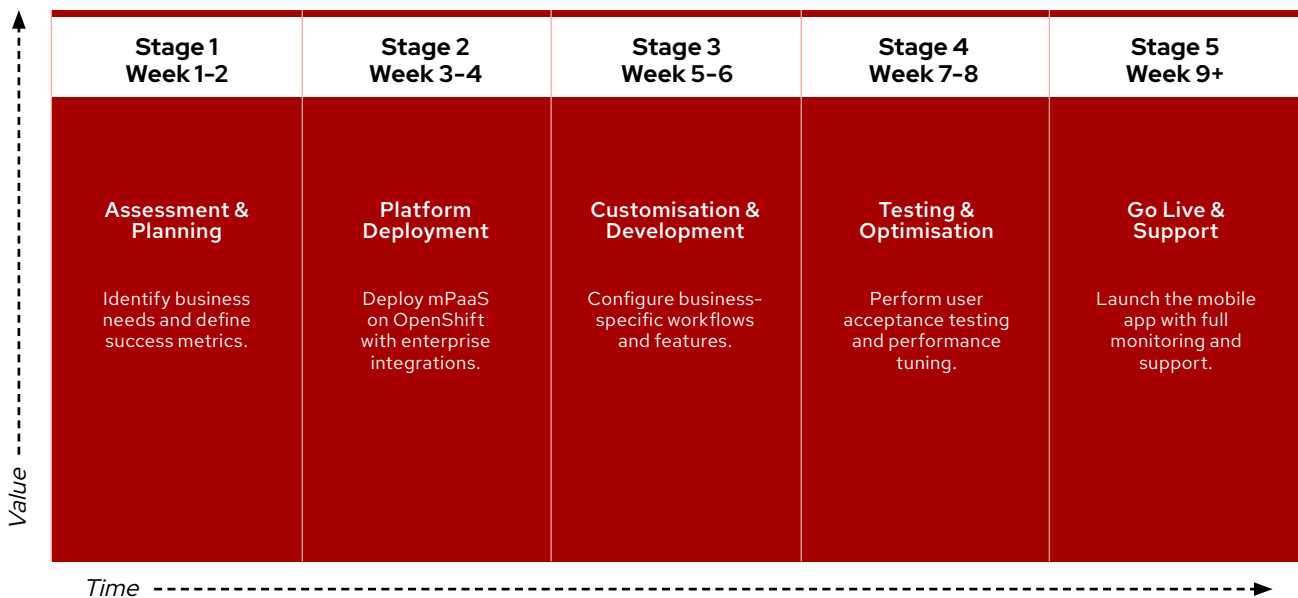| Transport |
|---|
| Smart logistics and tracking solutions. |

The above use cases and segments are not the entire list of possibilities with our mPaaS solution.
Get in touch with us for a deeper conversation.

ANT Digital Technologies | Solutions Overview

Getting started is quick and easy

Typical Time-to-Value Implementation Process

Stage 1 Week 1-2	Stage 2 Week 3-4	Stage 3 Week 5-6	Stage 4 Week 7-8	Stage 5 Week 9+
Assessment & Planning Identify business needs and define success metrics.	**Platform Deployment** Deploy mPaaS on OpenShift with enterprise integrations.	**Customisation & Development** Configure business-specific workflows and features.	**Testing & Optimisation** Perform user acceptance testing and performance tuning.	**Go Live & Support** Launch the mobile app with full monitoring and support.

Value

Time

ANT's mPaaS solution is typically deployed in around 9 weeks. The process includes:

1. **Assessment & Planning (Week 1-2)** Identify business needs and define success metrics.

2. **Platform Deployment (Week 3-4)** Deploy mPaaS on OpenShift with enterprise integrations.

3. **Customisation & Development (Week 5-6)** Configure business-specific workflows and features.

4. **Testing & Optimisation (Week 7-8)** Perform user acceptance testing and performance tuning.

5. **Go Live & Support (Week 9+)** Launch the mobile app with full monitoring and support.

If you are keen to know more on how this joint solution can accelerate your Go-To-Market strategy, reach out to us;

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Resources

ANT Digital Technologies mPaaS Website
https://mpaas.com/

ANT Digital Technologies on Red Hat Ecosystem Catalog
https://catalog.redhat.com/partners/detail/ant-digital

mPaas on Alicloud
https://www.alibabacloud.com/en/product/mpaas?_p_lc=1

Red Hat OpenShift on Alicloud
https://marketplace.alibabacloud.com/products/56676003/sqcmfw00033893.
html?spm=a3c0i.26795044.0.0.565e2faabuFvFY&innerSource=search

About Red Hat

Red Hat helps customers standardise across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with award-winning support, training, and consulting services.

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