

# ALTRON

## Application and Platform Modernisation Services

 **Microsoft**  
Solutions Partner

Digital & App Innovation  
Azure

The background of the image is a close-up of a fingerprint, rendered in shades of blue and green. The fingerprint lines are visible, and there are many out-of-focus light spots (bokeh) in various colors, including blue, green, and yellow, scattered across the image.

ALTRON

Purpose

**We use technology**  
to transform today into  
**a simpler, safer and**  
**smarter tomorrow.**

# Our portfolio of solutions and services



## Industry solutions

Deep industry expertise delivered at scale across platforms and digital ecosystems.

- HealthTech
- FinTech
- Netstar  
*(vehicle tracking and fleet management)*
- Retail
- Public infrastructure



## Digital business

Enterprise-grade solutions that helps you operate, optimise and transform.

- Data and AI
- Enterprise applications and cloud services
  - Software Engineering
- Digital infrastructure
- Specialised solutions
- IT outsourcing



## Distribution

Distributor of electronic components and cyber security software licensing.

- Design and engineering
- Electronic components
- Enterprise security solutions



# Think about how much easier it'd be to do business if all your IT hassles disappeared.

Looking for the skills to get the best from your cloud infrastructure? Done.

Is the exchange rate volatility eating into your budget? Managed.

Worried about staying competitive in a technology-first world? Solved.

Staff working from anywhere, on any device, securely. Simple.

**That's what we do: we look after everything IT and take care of operating hassles so that you can look after what matters – growing your business.**

# Enterprise Applications and Cloud Services

Optimise your business, grow revenue and accelerate time to market while providing improved customer experiences.

- **Microsoft Business Applications**  
Implement and manage complex ERP and CRM solutions with minimal risk.
- **Improved Customer Experiences**  
AI-driven information sharing, enrichment and sophisticated business intelligence enable exceptional experiences.
- **Multi-cloud Solutions**  
Secure, resilient, and cost-effective cloud management and governance across your cloud infrastructure.
- **Workforce Management**  
Empower your staff, optimise operations and reduce what you spend by paying for only and exactly what you need.
- **Software Engineering**  
From the modernisation of your legacy applications and platforms to innovative solutions that solve your specific needs.



# Software Engineering

to build scalable and reliable solutions

Through our telecommunications applications, we manage over **250 000 transactions per second** and **1 000 000 daily order fulfilments**.

and save you money

Our software engineers saved R1 billion in potentially lost revenue while **managing over 60 million client subscribers** through effective subscriber-churn management models.

and write the code that businesses need

Our teams have already moved over half a petabyte of data to the cloud, **written over 10 million lines of code**, and have the highest level of certification in various programming languages and frameworks.

to deliver reliable network uptime

More than **30 clients** trust us to support **mission-critical applications** with **over 20 petabytes** of storage.

# Application and Platform Modernization Services



**“Outdated systems hinder performance, scalability, and security, causing inefficiencies and increased risks, making it crucial to modernize and optimize for future growth”**

Transform your legacy applications with our comprehensive **Application Modernisation Solution**. Leveraging cutting-edge technologies and best practices, we help you migrate, refactor, and optimize your applications for the cloud, ensuring enhanced performance, scalability, and security.

Our solution is designed to minimize downtime and disruption, enabling a seamless transition to a modern, agile IT environment.

# Frequently Asked Questions

**1. Why should we modernize our outdated systems?** Outdated systems can significantly hinder performance, scalability, and security, leading to inefficiencies and increased risks. Modernizing these systems is crucial for future growth as it enhances performance, ensures better scalability, and improves security, thereby reducing risks and inefficiencies.

**2. What does your Application Modernisation Solution include?** Our comprehensive Application Modernisation Solution offers a holistic approach to updating and transforming legacy applications. We leverage advanced tools and methodologies to assess, plan, and execute the modernization process, including cloud migration, application refactoring, containerization, and integration with modern DevOps practices.

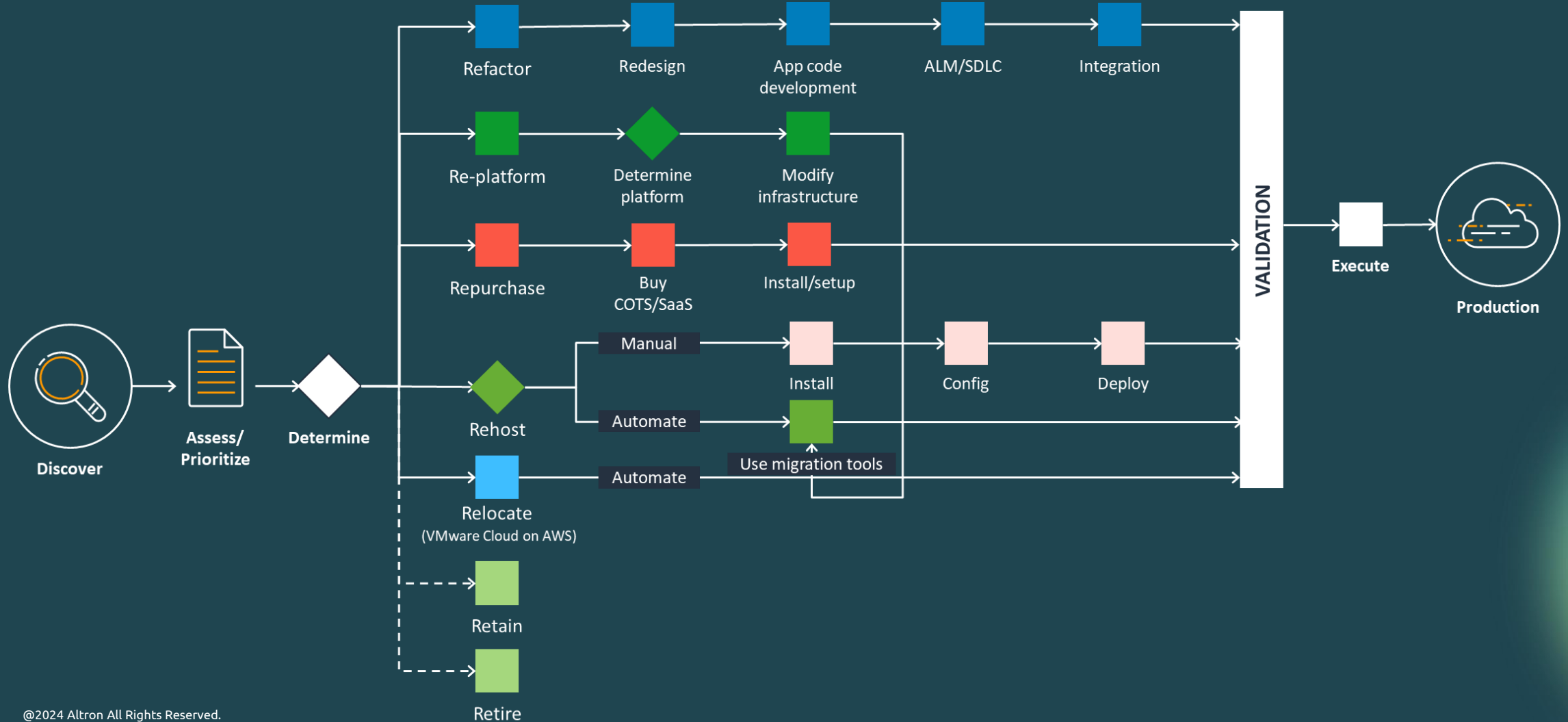
**3. How do you ensure minimal downtime and disruption during the modernisation process?** Our solution is designed to minimize downtime and disruption by enabling a seamless transition to a modern, agile IT environment. We use strategic planning and execution to ensure that the migration process is smooth and causes minimal impact on your operations.

**4. What technologies and methodologies do you use in your Application Modernisation Solution?** We utilize cutting-edge technologies and best practices, including cloud-native technologies, microservices architecture, containerization, and continuous integration/continuous deployment (CI/CD) pipelines. These ensure your applications are modern, efficient, and scalable.

**5. How does modernising our applications improve security?** Modernising your applications enhances security by incorporating the latest security protocols and practices. This includes regular updates, patch management, and advanced threat detection and response mechanisms, ensuring your applications are protected against the latest security threats.



# 7Rs Migration Strategy



# Plan Overview - Basic

<b>Plan Name</b>	<b>Basic</b>
<b>Summary</b>	Entry-level modernisation services including initial assessment, basic cloud migration, and essential performance optimizations.
<b>Description</b>	Our Basic Plan offers entry-level modernisation services, including an initial assessment of your legacy applications, basic cloud migration, and essential performance optimizations. This plan is perfect for organizations looking to take the first step towards modernizing their IT infrastructure with minimal disruption.
<b>Time</b>	8 Months
<b>Cost Indication</b>	R8 000 000 ( or USD equivalent)

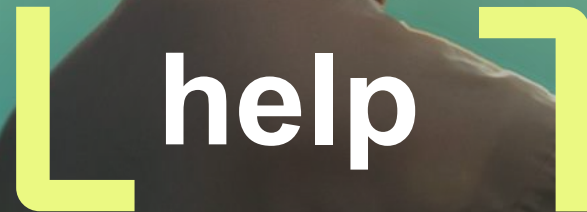
# Plan Overview - Essential

<b>Plan Name</b>	<b>Essential</b>
<b>Plan Summary</b>	Advanced modernisation services with in-depth application refactoring, containerization, and integration with modern DevOps practices.
<b>Plan Description</b>	The Essential Plan provides advanced modernisation services, featuring in-depth application refactoring, containerization, and integration with modern DevOps practices. This plan is designed for businesses seeking to significantly enhance their application's performance, reliability, and scalability while adopting modern development methodologies.
<b>Time</b>	10 Months
<b>Cost Indication</b>	R10 000 000 ( or USD equivalent)

# Plan Overview - Professional

Plan Name	Professional
Plan Summary	Full-scale modernisation including comprehensive cloud migration, advanced security enhancements, and continuous optimization for peak performance and scalability.
Plan Description	Our Professional Plan delivers full-scale modernisation, including comprehensive cloud migration, advanced security enhancements, and continuous optimization for peak performance and scalability. This plan is ideal for organizations aiming for a complete transformation of their application portfolio, ensuring they stay competitive and meet evolving customer demands.
Time	12 Months
Cost Indication	R12 000 000 ( or USD equivalent)

How can we



help  
you

take on tomorrow?

ALTRON