

A photograph of three business professionals (two men and one woman) smiling and looking at a computer screen. The image is faded and serves as a background for the title text.

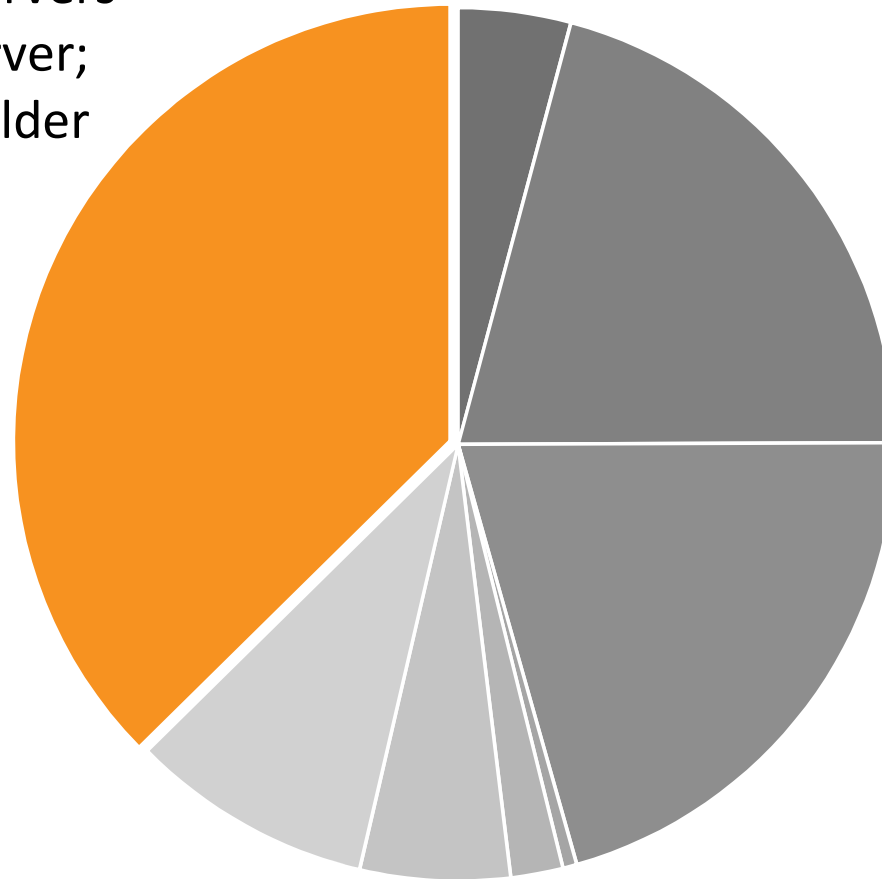
SQL SERVER 2008 PATHFINDER SERVICE

NODE4

Empowering business to do more

The Challenge

37%¹ of all database servers
worldwide run SQL Server;
50%² run 2008/R2 or older



¹ Pie Chart *IDC Worldwide DB Forecast Dec 2016
² Microsoft Internal Sources

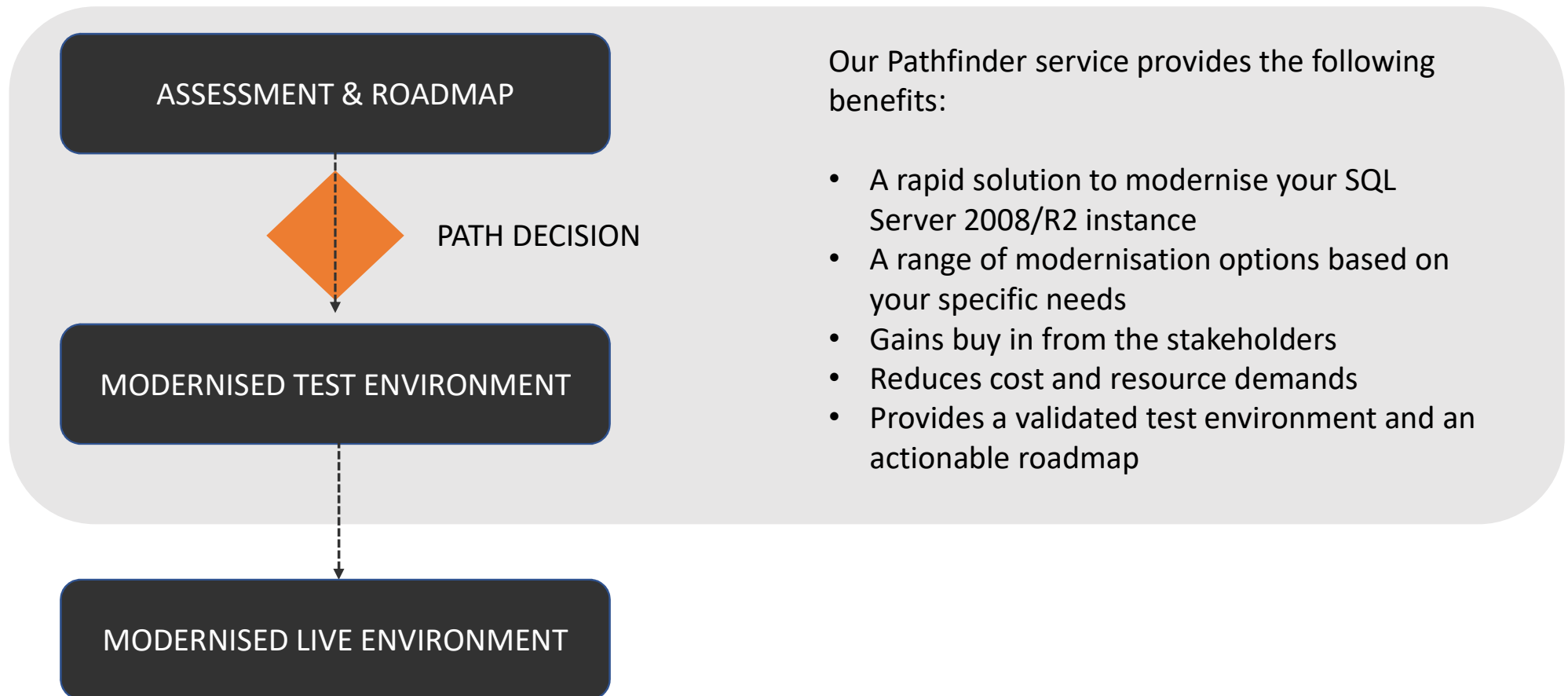
The Challenge

- With the end of extended support for SQL Server 2008 and SQL Server 2008 R2, there will no longer be security fixes produced for new vulnerabilities.
- This creates a major issue for companies as the majority of Information Security Management Systems designed to adhere to legal requirements mandate a security control based on Patch Management. This means that companies are subject to substantially increased risks for a system which holds organisational data.

Common Legal Requirements:

- Data Protection Act 2018 (GDPR)
- Regulation of Investigatory Powers Act 2000
- Official Secrets Act 1989
- Privacy & Electronic Communications (EC Directive) Regulations 2003

OUR APPROACH - PATHFINDER



AM: Requirements Workshop

- Application Dependencies
- Software Licensing
- Infrastructure and Environment Dependencies
- Architectural Standards
- Discuss and Review approaches (Upgrade, Azure IaaS, Azure SQL)

PM: Environment Analysis

- SQL Server Health Check
- SQL Server 2017 Upgrade Advisor
- Azure SQL (Database) Compatibility Review

Deliverable: You will be provided with a report detailing the options for modernisation and a recommended Phase 2 work package.

PATHFINDER: MODERNISED TEST ENVIRONMENT

Work Package 1.

2008/R2 Upgrade to 2017

Node4 will undertake an upgrade on the existing SQL Server 2008 Test instance and upgrade it to SQL Server 2017.

Work Package 2.

2008/R2 Migrate to Azure SQL MI

Node4 will undertake a migration of the existing SQL Server 2008 Test instance and migrate it to an Azure SQL Managed instance.

Work Package 3.

2008/R2 Migrate to Azure VM

Node4 will undertake a migration of the existing SQL Server 2008 Test instance and migrate it to an Azure SQL VM.

Work Package 4.

2008/R2 Migrate to Azure SQL DB

Node4 will undertake a migration of up to 3 SQL Server 2008 Test databases and migrate it to the Azure SQL Database Service.