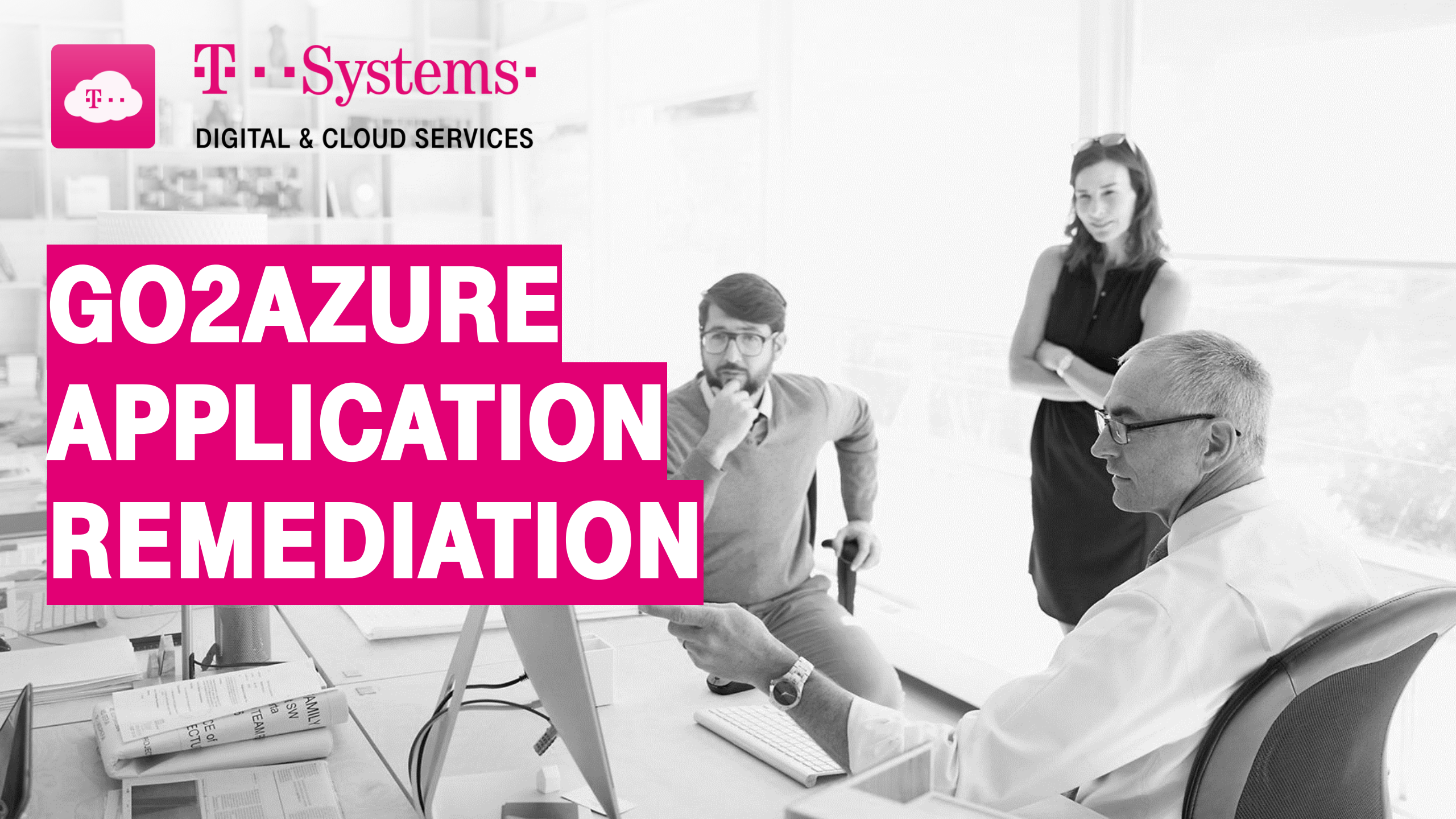




T... Systems

DIGITAL & CLOUD SERVICES

GO2AZURE APPLICATION REMEDiation



GO2AZURE APPLICATION REMEDIATION: WHY?

MANY OF YOUR APPLICATIONS WERE DEVELOPED BEFORE MICROSOFT AZURE CAME INTO THE MARKET. THESE APPLICATIONS MAY REQUIRE WORK BEFORE THEY CAN RUN IN CLOUD. THE ASSESSMENT HELPS UNDERSTAND THE CHALLENGES ASSOCIATED WITH CURRENT APPLICATION SETUP AND ARCHITECTURE, AND ACCORDINGLY, DETERMINE THE BUSINESS VALUE THAT CAN BE REALIZED THROUGH CLOUD ADOPTION.

A SELF DRIVEN PORTFOLIO ANALYSIS, AUGMENTED WITH ASSESSMENTS AND RECOMMENDATIONS, THAT ADDS VALUE TO YOUR CLOUD TRANSFORMATION JOURNEY

- Automated migration assessment for cloud enablement, saving up to 70% of analysis time
- Enhanced productivity for analysis of voluminous applications
- Migration time and effort reduced by almost 60%, effectively increasing the speed of cloud native migration
- Enables application landscape cloud strategy adoption and decision making in large digital transformation initiatives through focused business cases
- Seamless operations with minimal dependency on SMEs
- Application categorization for re-factoring and re-architecting in cloud PaaS and architecture remediation
- Generates realistic estimates of time and resources to modernize applications for running in the cloud, including flexible ways of planning project-based refactoring work
- Provides guidance for each code recommendation down to the block level, and share quick references for refactoring the same

Cloud is the new normal for organizations today to adapt to a dynamic digital world. Most enterprises transitioning to the cloud analyze their portfolios and select the applications to be migrated, based on whether to retire, re-factor, re-host, retain, repurchase, or re-platform the same.

Using our Go2Azure Application Remediation, enterprises can easily make informed decisions about how to refine this so-called '6R' approach.



GO2AZURE APPLICATION REMEDIATION : WHAT IS IT?

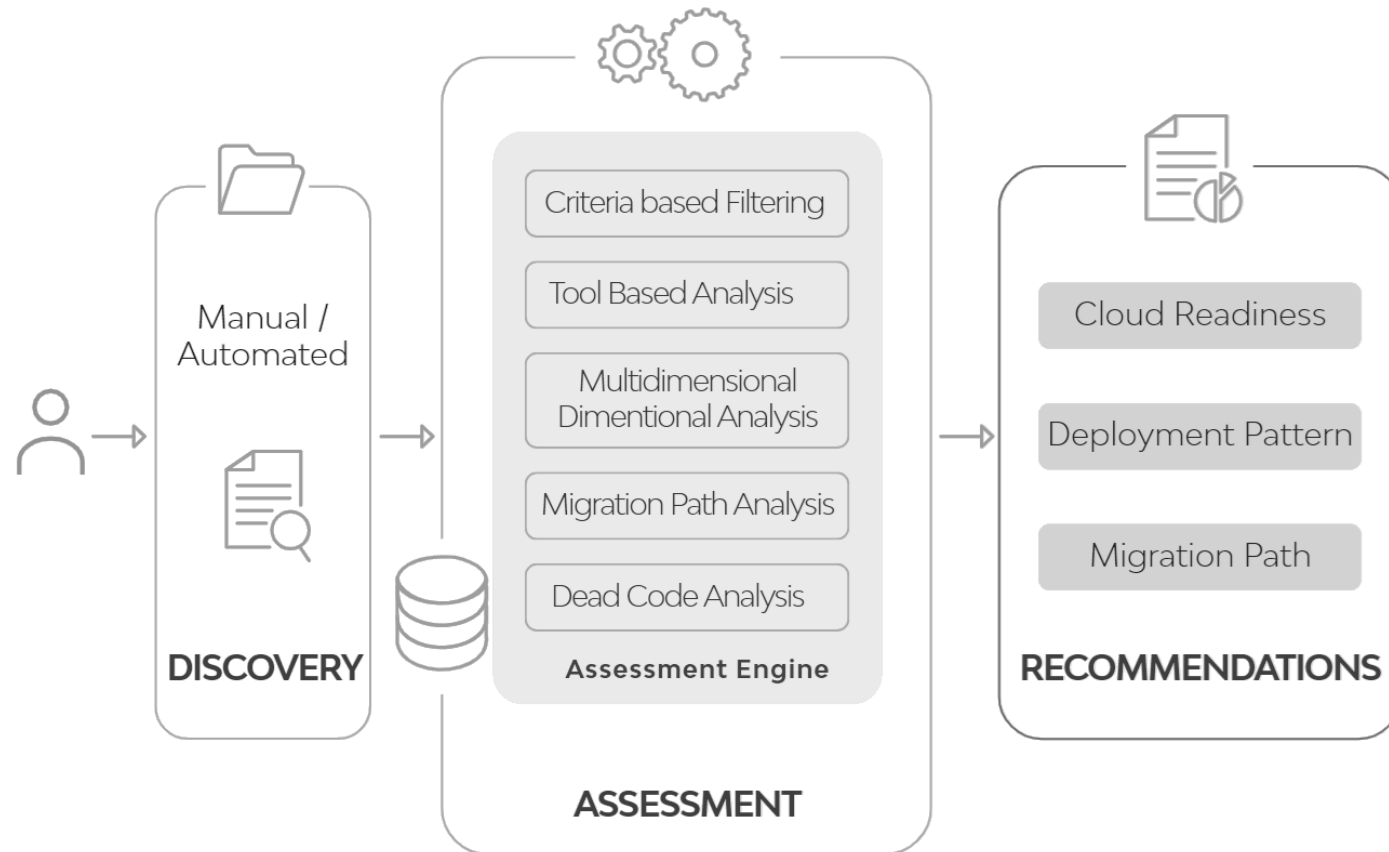
A COMPLETE END-TO-END SERVICE ENABLING YOUR BUSINESS APPLICATIONS READINESS FOR CLOUD. IT CONSISTS OF A SET OF ACTIVITIES STARTING WITH APPLICATIONS ANALYSIS, FOLLOWED BY REMEDIATION ROADMAP AND FINALIZED WITH COMPLETE MIGRATION SERVICE DELIVERY.

APPLICATION ANALYSIS	REMEDATION ROADMAP	REMEDATION AND MIGRATION
Analyze the application using PaaSify™ tools to find out if the application is Azure Ready.	Decide the right remediation approach based on cost-benefit and develop project plan for remediation.	Carry out changes to application, test them On Premises and On Cloud and migrate.
WHAT WE DO		
<ul style="list-style-type: none">○ Support different types of apps: desktop, web app, reporting, batch jobs, middleware etc.○ Tool based assessment: 12 factors cloud readiness testing, assessment at code level○ Client guidelines: compliance, security policies, application and architecture standards	<ul style="list-style-type: none">○ Re-factor applications: Change specific elements in the application such as development framework, storage handling etc., but no changes to application architecture○ Re-architect: Make changes to application architecture such as componentization, use of Azure services○ Business case: Develop the cost benefit analysis at application level	<ul style="list-style-type: none">○ Design○ Align stakeholders for business impact or opportunities○ Install the new IDE, components○ Application Changes○ Test the app (On Premise)○ Test the app (On Cloud)○ Host the application○ Migrate data○ Carry out cutover testing○ Go Live○ Hyper Care support for 1-week post go live



GO2AZURE APPLICATION REMEDIATION : HOW IT WORKS?

WE WILL SCAN YOUR APPLICATIONS, EXTRACT SOURCE CODE AND PERFORM ANALYSIS OF GATHERED DATA TO REPORT CLOUD READINESS OF YOUR APPLICATIONS, INCOMPATIBILITIES AND REMEDIATIONS. WE ALSO ADVISE YOU ON BEST DEPLOYMENT PATTERNS AND MIGRATION STRATEGIES. FINALLY, WE WILL REMEDIATE AND MIGRATE YOUR APPLICATIONS TO THE CLOUD.



CLOUD READINESS

Provides detailed information about your application feasibility.

CLOUD DEPLOYMENT PATTERN

Provides the right pattern fitment with rational as to which workload should go to where and why.

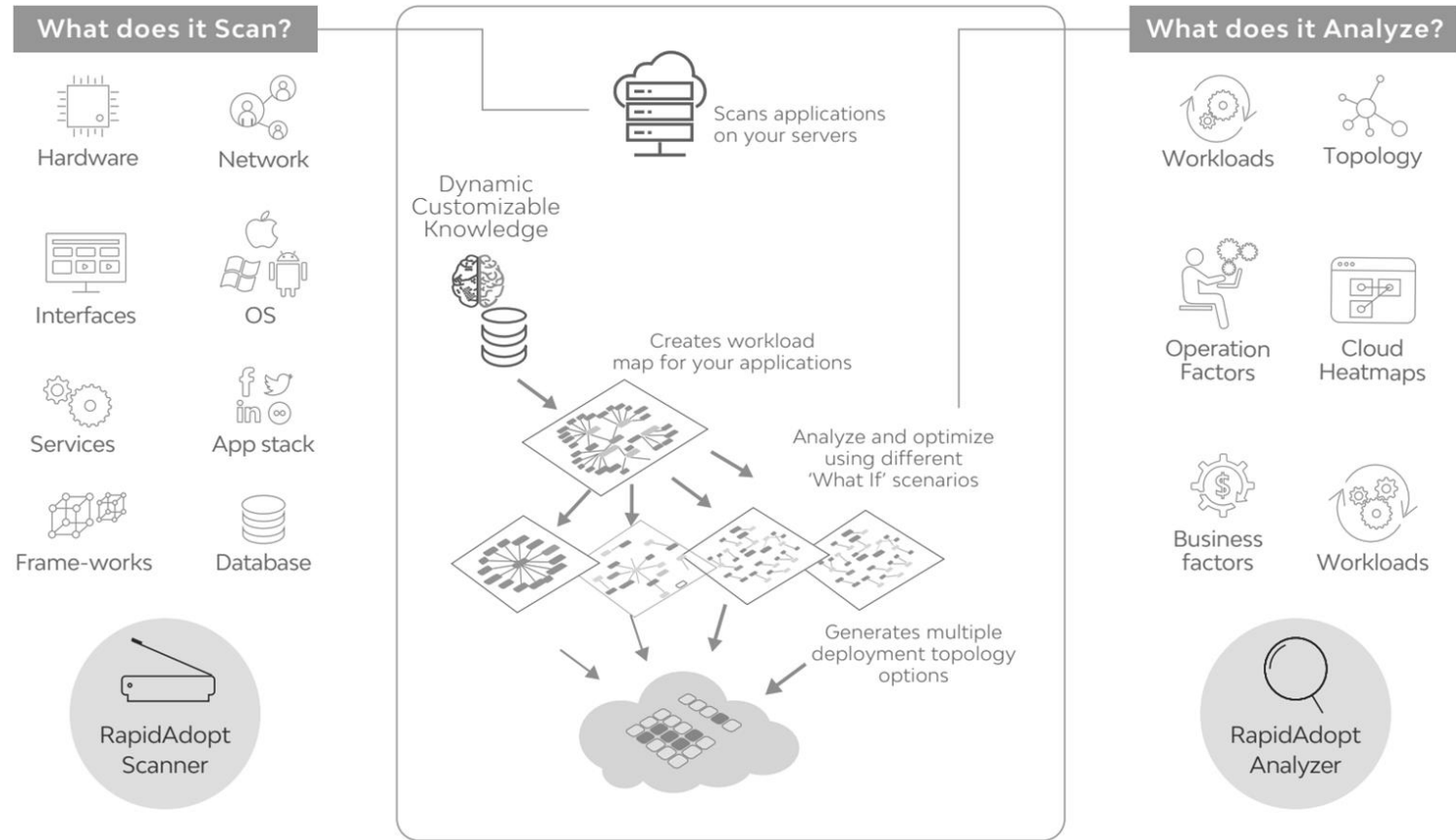
MIGRATION PATH

Provides recommended migration path including high-level migration plan, rough migration effort estimation.



GO2AZURE APPLICATION REMEDIATION : HOW IT WORKS?

APPLICATION ANALYSIS PHASE: WE WILL SCAN YOUR APPLICATION LANDSCAPE TO DETECT AND ANALYSE NETWORK FLOW, DEPENDENCIES AMONG APPLICATIONS AND WORKLOAD PATTERNS.



GO2AZURE APPLICATION REMEDIATION : HOW IT WORKS?

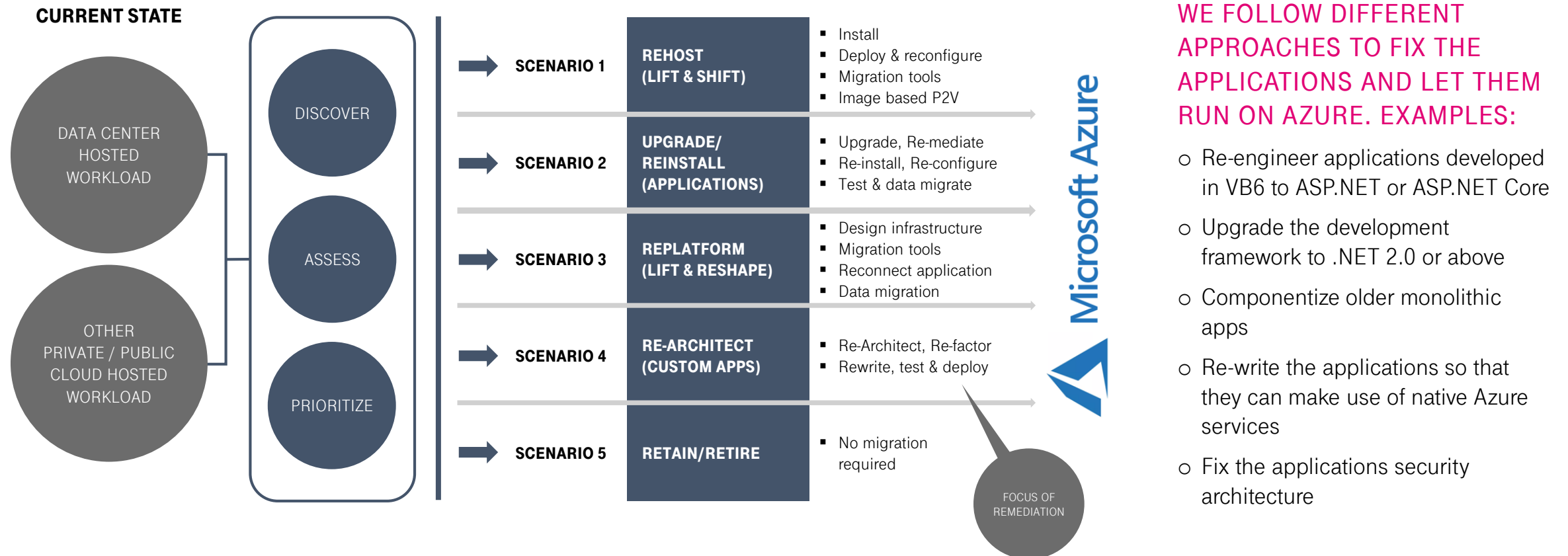
APPLICATION ANALYSIS PHASE: WE WILL EXTRACT APPLICATION CODE FILES FROM YOUR CODE REPOSITORY AND ANALYZE IT ACROSS MORE THAN 70 CRITERIA TO REPORT INCOMPATIBILITIES AND MAKES SUITABLE RECOMMENDATIONS FOR RE-FACTORED AND RE-ARCHITECTING THE CODE, MODULE OR PROJECT.

CODE FILES EXTRACTION	GIT repository SVN repository TFS repository NTFS file drive
CONTENT CRAWLING	Crawl through the contents of code files XML file crawler Text file crawler
PARAMETERS ANALYSIS	Validate code against 70+ criteria Session state analyzer Authentication analyzer Third-party dependency analyzer Database connection analyzer File usage analyzer Logs usage analyzer
REPORTING	Reports to summarize analysis results, like effort sizing, business impact, migration complexity Code quality insights at portfolio level Cloud readiness score highlighting the impact of business factors Technical report with source code level 12-factor compatibility details, alongside cloud remediation
RECOMENDATIONS FROM OUR CLOUD EXPERTS	Analyze findings from detailed reports and dashboards Derive PaaS migration readiness index based on findings Recommend best-fit cloud platform and related migration path Provide a transformation roadmap with estimation and timelines



GO2AZURE APPLICATION REMEDIATION: HOW IT WORKS?

REMEDATION ROADMAP: WE WILL ADVISE ON YOUR APPLICATION MIGRATION STRATEGY BY FOLLOWING THE „6R” APPROACH: TO RETIRE, RE-FACTOR, RE-HOST, RETAIN, REPURCHASE, OR RE-PLATFORM YOUR APPLICATIONS, MAXIMIZING BUSINESS BENEFITS AND LOWERING RISKS.



GO2AZURE APPLICATION REMEDIATION : WHY T-SYSTEMS?

Cloud agnostic application

assessment, framework

Knowledge and expertise

gained from a lot of projects across industry sectors

Automated Data Discovery

along with dependency mapping

Define your target environment

with multiple analysis dimensions

Consistent, proven methodology

recognized by the industry

Recommend migration path

with Factory based Migration Model

Be a Cloud First organization

our comprehensive cloud strategy has enabled our clients to unleash the true potential of cloud in line with their business goals

Assured financial savings

partner of choice for clients' digital transformation journey, enabling savings worth millions of dollars through cloud adoption

Best-in-class cloud experts

right blend of cloud expertise and capabilities in architecting solutions on cloud native platforms, coupled with a strong domain proficiency, provides best-in-class, industry-specific solutions blueprints

Best-in-class innovative tools and platforms

solution ecosystems and proprietary tools and platforms ensure 30% reduction in technical debt, 40% increase in productivity and 25% reduction in time to market

