



A smarter cloud for your SAP

Intelligent methodology for migrating
and managing your SAP on Azure



A close-up photograph of several medical syringes and clear plastic tubing arranged on a light blue, ribbed plastic tray. The syringes have black markings and blue plunger caps. The tubing is clear with blue connectors. The lighting is bright, creating soft shadows.

INTRODUCTION

Business transformation, accelerated

In 2017, plastics innovation and manufacturing company [Spartech](#) faced a six-month window to carve out SAP ECC, BW, and non-SAP systems from its parent company after a divestiture. With 15 plants operating 24/7, Spartech needed zero downtime while migrating over two terabytes of SAP and non-SAP data, required a strategically re-architected environment for maximum performance and agility to support growth, and sought to stand up the new cloud environment without the complexity of their current model.

Spartech turned to Protera, who delivered a seamless, on-time, and on-budget go-live in six months with only a ten-hour cutover window, and who now provides ongoing cloud managed services. By migrating their SAP systems to Microsoft Azure, Spartech was able to provide more efficient, flexible service to customers—a key part of their strategic growth plan in their specialty market.

Let's talk about the breakthrough that enabled this level of high continuity, speed, cost savings, and flexibility.

SAP on Azure: the platform for business transformation

Like Spartech, your organization is facing the need to transform, and a new platform for business may be in your plans. The cloud environment you choose is a critical early decision that you'll make. Companies that have already moved their SAP and other applications to Azure have found several advantages:

Deliver new capabilities to the business more quickly

Running on Azure can make every aspect of SAP operations more responsive, whether you're troubleshooting issues, testing new code, or experimenting with new functionality.

Reduce the need for on-premises infrastructure

Moving your SAP data can be the first step in reducing or eliminating your traditional datacenter needs, as often you can move the surrounding applications to Azure during the same migration.

Lessen IT staff burden

When staff don't have to deal with onsite equipment and maintenance, you can reallocate their time to higher-value initiatives. To save more internal staff time, the Azure team also provides account support.

Have greater confidence and lower risk

Microsoft and SAP have announced a strategic partnership to ensure that customers can trust their SAP workloads on Azure. Microsoft itself is one of the world's largest SAP customers.

Gain superior security

Azure's world-class security and privacy measures allow greater confidence in critical SAP instances and data in a public cloud.¹



The economics of SAP on Azure

The operational and technological advantages of SAP on Azure add up to dramatic business results. A Forrester Total Economic Impact study found that SAP on Azure results in:

- **An impressive 102% ROI**
- **An investment payback time of 9 months**
- **\$8.3 million in infrastructure savings**
- **IT staff savings of \$1.2 million²**

Achieving benefits with Protera

The Azure cloud environment can help you derive greater value from business applications. How do you achieve the benefits of SAP on Azure? Protera has a unique combination of SAP certifications and Azure expertise. For over 20 years, Protera has successfully performed hundreds of migrations and now manages thousands of SAP systems. With our unique SAP on Azure migration and management platform, Protera Arion®, we can help you reduce the time and cost of migrating to and running SAP on Azure. In the following pages, we'll show you what you can achieve with your SAP on Azure and how quickly we can help you achieve your results.

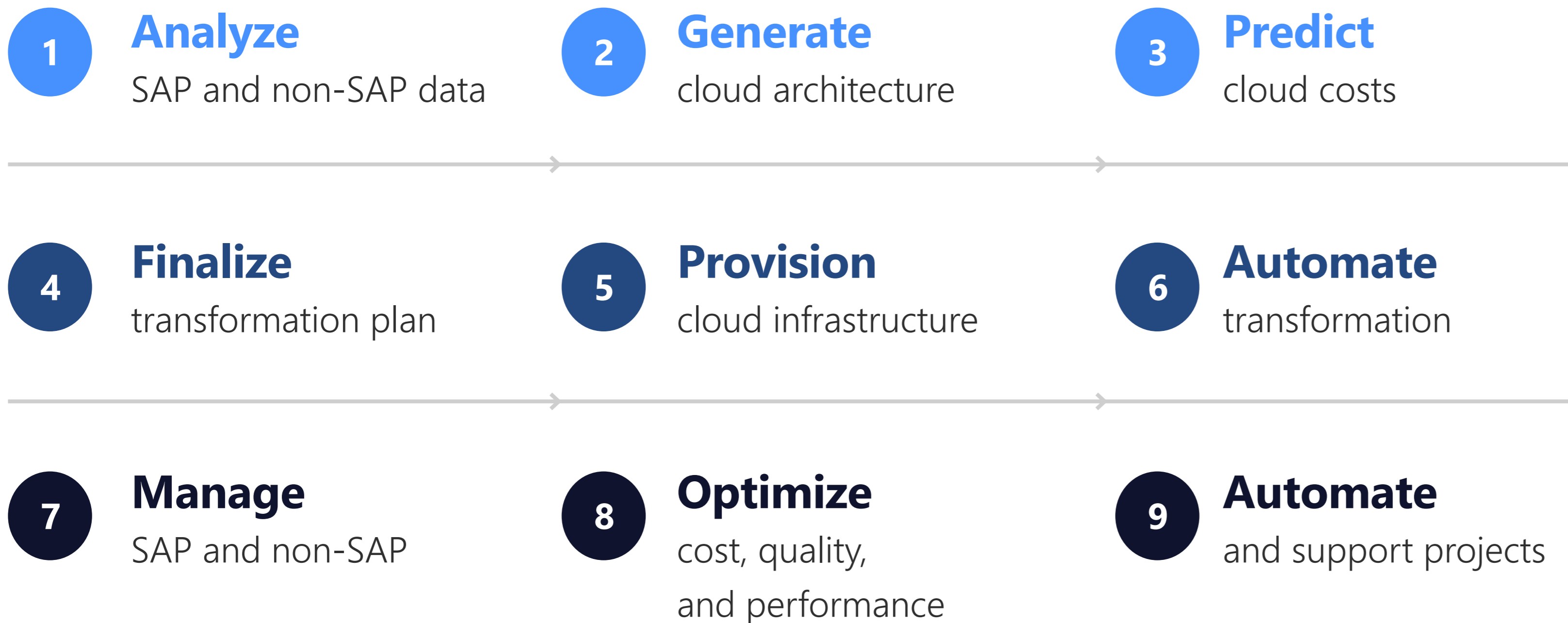
// We had 21 businesses running on SAP and we asked ourselves before we implement anybody else on the current configuration, should we stand back and take a look at S/4... and my next thought was 'I'd better call Protera.' //

—Rick Klotz, CIO, Altra Motion



9 steps for faster SAP transformation on Azure

Protera built the very first production instance of SAP running in the cloud. Since then, we have developed a smarter way to migrate and manage SAP on Azure that combines the most up-to-date knowledge of SAP and Azure with a powerful platform, Protera Arion®.



The Protera Arion® Advantage



Protect your core business processes with a technical partner certified by SAP using SAP tools.



Save time with 3x acceleration on your move to the cloud while minimizing interruption and getting more responsiveness.



Reduce costs up to 50% and improve performance through design, automation, monitoring, and optimization.



Enjoy higher customer satisfaction with a high-touch service model chosen by many referenceable, long-term customers.



Modernize, simplify, and consolidate at scale to manage hundreds of SAP as well as additional attached non-SAP systems.



Innovate faster by incorporating the latest developments to make your business processes more capable and more agile.



The intelligent migration process

Let's take a look at how your SAP on Azure migration will work with Protera Arion®. We start with an automated assessment to respond to your inquiries quickly and determine your "as-is" state and plan for moving to SAP on Azure. We quickly analyze your environment and promptly turn around reports to tell you precisely what needs to be done and your approximate cost and timeline.

From there, we iterate with you until you are comfortable with the migration plan. We collect more information from you if needed, present options to you based on the predicted outcomes from Protera Arion®, and help you decide the best approach for your migration.

Once the migration project begins, we work with your team to minimize any business interruption. We automatically create the Azure landscape, move your source systems to Azure, and ensure the data and applications are migrated correctly. Along with way, we can update or upgrade your environment. For example, you can do an OS/DB migration and go from a Windows platform or even UNIX with mainframe, or upgrade your database—all during the same project.

Once your migration is complete, we validate your target environment and monitor and adjust your systems until you are ready to operate your new SAP on Azure environment. In a single step, you can migrate from as far back as SAP version 4.6 to the latest version of HANA, doing conversion at the same time you're moving to Azure.

Intelligent management of your SAP

Migrating SAP to Azure is just the start of your transformation. With our 24x7 global team, you will have a secure platform for your business and access to real-time insights to optimize cost, performance, and agility.

Environment	DEV	QAS	PRD	SBX	UAT
SAP Portal	DB 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	AAS 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	AAS 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	No Instances Available	DB 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE
SAP Solman2	No Instances Available	AAS 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	DB 120 GB / N/A VPU / N/A GB RAM RHEL 6.9 / ORACLE	No Instances Available	No Instances Available
SAP CUA	No Instances Available	No Instances Available	AAS 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	No Instances Available	No Instances Available
SAP PO	CEN 1139.22 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	AAS 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	AAS 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	No Instances Available	CEN 778.78 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE
SAP BW	No Instances Available	CEN 1320 GB / N/A VPU / N/A GB RAM RHEL 7.0 GA / DB6	CEN 1320 GB / N/A VPU / N/A GB RAM RHEL 7.0 GA / DB6	No Instances Available	No Instances Available
SAP ERP North America (SAP ERP)	CEN 8361.8 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	DB 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	DB 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	CEN 22040.36 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE	DB 120 GB / N/A VPU / N/A GB RAM RHEL 6.8 / ORACLE

Production class availability at up to 50% cost savings

Easily manage hundreds of SAP and non-SAP systems

View and correlate performance with system activities

Predict and manage capacity and cloud spend

Get help 24/7 from certified SAP and cloud experts

Quickly provision, start/stop, refresh systems for projects



Let's continue the discussion

Put our intelligent platform to work for you. We'll create your cloud plan with timeline, project plan, architecture options, migration and run costs, and help you understand your options.

[CLICK HERE](#)

