



# Near-Zero Downtime SAP on Azure Migration

Realize the best Azure has to offer without disrupting your critical SAP systems



## Near-Zero Downtime

It is said, time is money. And that is certainly the case when it comes to minimizing the downtime window of your mission-critical SAP systems during a Cloud migration. The question is: how much downtime can you afford?

In the case of a leading manufacturer and distributor of food packaging and food service products Lemongrass partnered with for an SAP on Azure migration project, anything short of a near-zero downtime migration was unacceptable.

Before migrating to Azure, the food packaging manufacturer's SAP environment consisted of SAP components running on different operating systems (OS) and databases (DB). Some components were running on AIX OS with Oracle DB and others were running on Linux OS with HANA DB. Per the customer's requirements, Lemongrass would migrate 100+ servers to Azure and convert the underlying OS to Linux and the DB to HANA. Only 12 hours of downtime were allocated for the technical migration.

We guaranteed the customer the migration downtime would not exceed the allocated 12 hour window. Not many system integrators can make such a guarantee. With our near-zero downtime migration approach, we migrated the company's SAP landscape to Azure with little to no impact to its business. Now, on Azure, the company has realized accelerated service provisioning to help support business growth, an improved performance (avg. 30%) of its SAP systems, and reduced TCO (Total Cost of Ownership) of their SAP landscape.







# Near-Zero Downtime Migration: How it Works

Near-zero downtime is the shortest acceptable period (or periods) of business interruption that will have little to no impact on workloads running on critical systems. No matter how unique your SAP landscape is, our near-zero downtime solution will cut your migration downtime to the absolute bare minimum. In addition, our near-zero downtime solution reduces costs and complexity, even with large DB migrations. Below is how the Lemongrass solution compares with other methods.

Lemongrass Migration	Classic + Replica DB	Classic Migration	Incremental Migration Tools	SAP NZDT
		<b>Downtime</b>	<b>Downtime</b>	<b>Downtime</b>
	<b>Downtime</b>	<b>Prod Impact</b>	<b>Prod Impact</b>	<b>Prod Impact</b>
	<b>Complexity</b>	<b>Complexity</b>	<b>Complexity</b>	<b>Complexity</b>
	<b>Duration</b>	<b>Duration</b>	<b>Duration</b>	<b>Duration</b>
<b>Downtime</b>				
<b>Complexity</b>				
<b>Duration</b>	<b>Cost</b>	<b>Cost</b>	<b>Cost</b>	<b>Cost</b>
<b>Cost</b>				



# Running SAP on Azure

Your SAP systems are under more pressure now more than ever before from your customers, competition, and market factors. Running your SAP systems on infrastructure that periodically undergoes unsatisfactory downtime, lacks flexibility and scalability, and incurs high capital expenditures and operating costs is no longer an option. If you're considering a move to a Cloud platform like Microsoft Azure, you're headed in the right direction. Companies that have already moved their SAP systems to Azure have realized these benefits:



## Improved Time-To-Value of SAP Applications

Running SAP on Azure enables companies to deploy, launch, and test in a shorter time frame. Every aspect of a company's SAP operation becomes more responsive on Azure.



## Improved Time-To-Market for New Operations

Companies running SAP solutions on Azure can launch into new markets faster, thereby increasing their capacity to expand.



## Avoided Cost of SAP Related On-Premises Infrastructure

Moving SAP systems to Azure can drastically reduce or eliminate SAP-related infrastructure investments (hardware, maintenance fees, security appliances).



## Realized Higher Service Levels

Organizations can achieve higher service levels with their SAP landscape on Azure thanks to the superior uptime, backup, and disaster recovery the platform offers.

## The Economic Impact of SAP on Azure

Forrester conducted a Total Economic Impact study<sup>1</sup> to examine the potential ROI enterprises may realize after migrating SAP to Azure. Six organizations running SAP solutions on Azure were interviewed and their results over a period of three years were quantified. With this study, Forrester determined that migrating SAP to Azure resulted in:

- An ROI of 112%
- \$15.9M in infrastructure savings
- An investment payback time of less than six months
- Benefits of \$26.18M over three years versus costs of \$12.36M

<sup>1</sup> "The Total Economic Impact™ of Microsoft Azure for SAP"



## Realize the Benefits of SAP on Azure with Lemongrass

Migrating to Microsoft Azure can maximize the performance and efficiency of your SAP workloads. Realizing the benefits of SAP on Azure isn't guaranteed, however. To achieve desired results, you must select a qualified migration partner who has a proven track record of executing successful SAP on Azure migrations. Lemongrass has been helping organizations migrate their mission-critical SAP systems to Azure for several years. We leverage our thorough knowledge of the SAP application, and our expertise on Azure infrastructure to facilitate seamless, minimal downtime migrations.

### What our Customers are Saying

*"Our experience with Lemongrass has been exceptional. They assumed all Basis Support from the existing provider, brought visibility to areas of risk and provided sound remediation by implementing cost saving measures to improve service availability. They also completed a seamless migration of our SAP infrastructure on a very aggressive timeline with no noticeable disruption to normal operations."*

—Alex Sukennik, VP & CIO, Avid Technology

### Partner With a Winning Team

- Microsoft Gold Partner
- 3X winner of MSUS Partner of the Year Award for SAP on Azure
- SAP on Microsoft Azure Advanced Specialization



## 5 Steps to a Seamless Migration

Using our expertise and experience as a pioneer in the SAP Cloud migration space, we developed a phased approach that enables us to streamline the migration to Azure, avoid any loss of data, and proactively handle any issues that arises during or after the migration.

### 1. Plan Phase

Walk through Azure on-boarding, define infrastructure solutions, review current landscape, review existing Landing Zone, agree on the scope of the project, and agree on SAP to Azure migration timeline.

### 2. Design Phase

The optimized Cloud SAP landscape underlying the most cost-efficient Azure infrastructure, as well as the migration methodology, is defined and design document templates are produced. The Lemongrass Security Framework is also aligned with company-specific security and compliance requirements.

### 3. Migration of Non-production Environment

Base infrastructure components are created in Azure, if required. Non-production environment is migrated.

### 4. Migration of Production Environment

Based on non-production cutover, the migration timeline and downtime requirements for production cutover are set. Minimal downtime migration is executed.

### 5. Hypercare Support

Systems are put in hypercare for 1-2 weeks to monitor production performance, provide hypercare support post-GO-Live, plan decommissioning of on-premises servers, and further improve SAP environment running in Azure and handover to Business as Usual (BAU) Operate Services.



## The Lemongrass Advantage



**Realize your migration goals** with minimal business impact (i.e., weekend cutover to Azure)



**Improve SAP application's** productivity and availability with Lemongrass's High Availability & Disaster Recovery solutions up to 99.99% availability



**Best-in-class automation for migrate** and operate activities with Lemongrass Cloud Platform (LCP)



**Realize 50% cost reduction** and up to 60% increase in performance of SAP production landscape on Azure



**Increased operational efficiency** and productivity



**Free up IT resources to enable** innovation and overcome key business challenges



**Better managed IT spend with** fixed monthly 24x7 managed services subscription, covering Azure Infrastructure, OS and SAP application (Basis, Security and Functional)





# Intelligent Management: Your SAP Investment is in the Right Hands

Your SAP landscape is the backbone of your day-to-day operations. It must not only run smoothly and securely on Azure; it must also remain cost-efficient. Our SAP managed services enable you to maximize your SAP on Azure investment while freeing up your internal resources for innovation and business growth. Not only that, with our custom-built Azure dashboard, you can access real-time insights to optimize the cost and performance of your SAP Landscape.



Predict and manage capacity and Cloud spend

Access in-depth cost & performance breakdowns

Simplify SAP administration activities via automation

Gauge the overall health of SAP landscape

Get 24/7 support from certified SAP and Cloud experts

Quickly provision, start/stop, and refresh systems





For further information, please visit

[www.lemongrasscloud.com](http://www.lemongrasscloud.com)

or contact us at

[info@lemongrasscloud.com](mailto:info@lemongrasscloud.com)

US : +1 800.975.9906

EU : +44 808 234 3576

## About Lemongrass

Lemongrass is a software-enabled services provider, synonymous with SAP on Cloud, focused on delivering superior, highly automated Managed Services to Enterprise customers. With a unique combination of experience, expertise and best practices designed to deliver the desired outcomes from an SAP transformation, Lemongrass engineers strategies and services that enable the economics, scale and agility of hyperscale computing while unlocking business innovation and controlling the risks and uncertainties. Lemongrass Cloud Platform (LCP) enables near zero downtime migrations to Cloud and differentiated Managed Services for SAP and its related workloads. Our customers span multiple verticals and geographies across the Americas, EMEA and APAC.

