

# Rimini Connect™

## Rimini Connect for OS

### RIMINI CONNECT™ SOLUTIONS

- » Rimini Connect™ for OS

### KEY BENEFITS

- » Avoid cost, disruption, and risk of core enterprise software upgrades
- » Keep your OS and application roadmaps independently aligned with your business needs
- » Extend application lifespans avoiding forced upgrades
- » Enable existing applications to take advantage of OS advancements
- » Reserve precious IT resources for mission-critical projects instead of upgrades and regression testing

### ERP Systems Need to Run on Modern Operating Systems

The increase in the deployment of purpose-built enterprise applications tested in a specific technology stack presents a challenge when upgrading the underlying operating system.

When a change in a technology stack component (including OS versions) causes an issue with an application, a software application vendor’s typical response is to make an application code change through a patch or an upgrade. This situation can be even more complex when you have customized applications in the landscape.

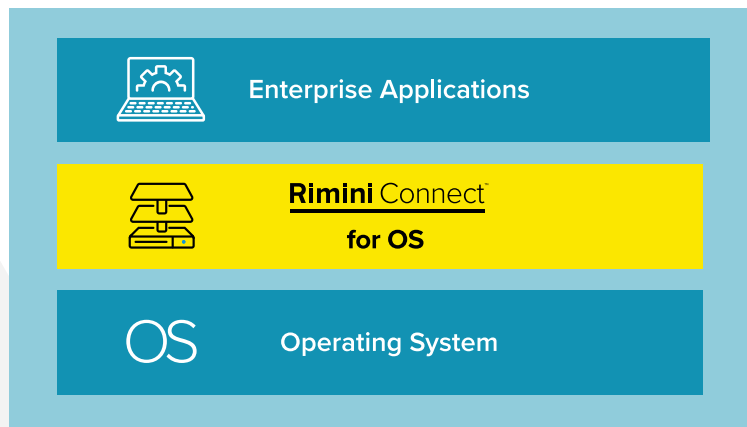
Operating systems need to be periodically updated for increased security, stability, and compliance with auditors. However, upgrading an OS can trigger a costly and potentially disruptive application upgrade.

There are other hidden costs, such as changes in the application interface requiring user retraining and the risk of introducing inconsistencies with data entry depending upon training.

### The Rimini Street Solution

The Rimini Connect for OS solution leverages our engineers’ deep expertise and helps resolve compatibility issues. We have created a solution that separates enterprise applications from the operating system. The current version of your enterprise application remains fully functional and supported by Rimini Street regardless of changes to the underlying operating system. Thus, the operating system can be upgraded independently of applications according to business needs for security, compliance, or support.

#### CLIENT TECHNOLOGY STACK



**"The solution and services were easy to implement and allowed us to modernize our tech stack. I would highly recommend to any SAP customer that wants to upgrade their systems."**

*Technical Lead,  
Leading U.S.-Based  
Linen Company*

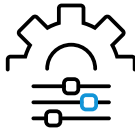
## How Rimini Connect for OS Works

Rimini Connect for OS is an always-on solution that provides an interface between the enterprise application and the operating system. This abstraction layer isolates the application, allowing it to function seamlessly with changes in the underlying operating system. Rimini Connect for OS consists of three components:



### Software

We've developed a set of custom compatibility files and software that controls how the operating system interacts with specific applications based on our extensive experience supporting enterprise applications and databases. Our solution allows legacy applications to run natively on newer versions of operating systems.



### Configuration and Settings

With more than 1.5 million registry keys for Windows alone, the potential configurations for an operating system are mind-boggling. Our experienced engineers understand the best configurations to support compatibility and performance while taking full advantage of the new features in an operating system upgrade.



### Hosting and Cloud

For some, staying on an older operating system is simply not an option. This is particularly true for ISP vendors and cloud platform providers with stringent operating system requirements. Rimini Street can configure combinations of the operating system and applications that can be supported by both hosting/cloud providers and Rimini Street.

## For The Technically Inclined

Rimini Street draws upon multiple techniques from our deep knowledge of working and supporting enterprise applications to implement this layer of abstraction. Solutions may contain techniques ranging from application containers to OS enhancements depending upon your technology stack. Here are a couple of illustrative examples:

**Example Technique:** SDB files are a part of the normal Windows patching process. Rimini Street engineers have developed custom SDB files and a methodology for how they should be compiled. These patches control how the OS interacts with targeted applications, allowing them to run natively on the new operating system.

**Example Technique:** Session 0 user permission controls can be introduced in later versions of the Windows Operating System. A simple registry key modification will re-enable legacy behavior and allow the operating system to be upgraded with all the new security enhancements.

All Rimini Connect for OS solutions are fully supported and backed by our team of engineers.



## Fast and Sustainable Results

A leading U.S.-based linen company migrated its ERP system to Microsoft Azure cloud platform, which required upgrading its operating system to Windows 2012.

This posed a problem for the client's environment: The current version of SAP R/3 4.6c was not compatible with Windows 2012. As a result, the client was being forced to upgrade the ERP system to capitalize on the benefits of Azure. The implications of upgrading SAP included significant cost and disruption to the workflow. With Rimini Connect for OS, this client was able to:

- Upgrade its operating system from Windows 2003 to Windows 2012 with a more secure and stable 64-bit operating system
- Move to SQL Server 2014, enabling advanced database features and reducing backup times by over 66%
- Avoid making costly and time-consuming changes to the ERP application

## Configurations Already Supported

Our list of supported configurations is constantly expanding. Contact us if you have a different technology stack.

APPLICATION	VERSIONS	OPERATING SYSTEM	VERSION (FROM)	VERSION (TO)
SAP	4.x	Windows	2003	2016
SAP	6	Windows	2003	2016
Hyperion		Windows	2003	2016
PeopleSoft	Tools 8.48+	Windows	2003	2019
PeopleSoft	Various	RHEL	Various	Various

## Make Interoperability Issues a Thing of the Past

The Rimini Connect™ suite offers easy-to-contract and easy-to-deploy solutions that provide always-on adaptability for your applications now and into the future.

Learn more about [Rimini Connect for OS](#).

**Rimini Street**