



Solution-Soft

NEWSLETTER
QUARTER 1 & 2, 2023

WHITE PAPER

GOOD NEWS!

TIME MACHINE IS AVAILABLE FOR RANCHER KUBERNETES ENGINE 2!



RKE 2

***READ OUR WHITE PAPER ON USING TIME MACHINE® POD TO
TIME TRAVEL ON RANCHER KUBERNETES ENGINE 2 (RKE2)***

Time Machine pod/deployment (created from a Time Machine container image), enables time travel of desired target Kubernetes pods/deployments. To time travel a pod where your application is, you just need to create a Time Machine deployment in the same namespace, without the need of changing the container images of the application you're using, or adding containers to the pod with your application.

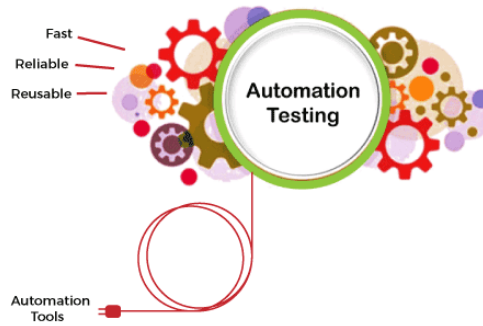
Click below for more information on Time Machine and RKE2.

[Learn More](#)

PRESS RELEASE

NEW RELEASE:

**TIME MACHINE® SYNC SERVER ENHANCEMENT ENABLES TRUE TEST
AUTOMATION**



Solution-Soft has announced the general release of the Time Machine Sync Server (TMSS) enhancement of URL API to create, update, and delete sync groups on-the-fly. As it turns out, this is critical to enable Agile CI/CD for parallel testing in the Cloud.

Read our Press Release for more information about the Time Machine Sync Server enhancement.

[Learn More](#)

CASE STUDY

TIME MACHINE® HELPS CITY WEST WATER SAVE COUNTLESS HOURS ON THEIR GENTRACK BILLING SYSTEM DEPLOYMENT



City West Water uses the Gentrack billing system as a highly integrated billing, collections and CRM solution that has been tailored to their specific needs. Their testing environment runs on a Solaris Container server using a backend Oracle database. End users access the system via a front end GUI running on their Windows workstations.

As part of its deployment and ongoing maintenance processes, City West Water needs to test the Gentrack billing system using past, present and future dates to ensure the software system properly handles all time-based billing processes.

Read the case study to learn how City West Water used Time Machine to overcome the challenges they encountered during their Gentrack deployment.

[Learn More](#)

PRESS RELEASE

SOLUTION-SOFT LAUNCHES TIME MACHINE® CONTAINER FOR GOOGLE KUBERNETES ENGINE (GKE)



Google Kubernetes Engine

Solution-Soft Systems Inc., a leading provider of virtual clock and time shift testing solutions, is pleased to announce the release of the Time Machine Container Solution for Google Kubernetes Engine (GKE). This innovative solution enables enterprises to quickly and efficiently incorporate time travel capabilities into their containerized environments, revolutionizing application testing and deployment processes.

Time Machine Containers Solution for GKE offers a powerful and efficient way to conduct temporal testing of applications while significantly reducing resource consumption and costs. By leveraging Time Machine, organizations can ensure the successful completion of large-scale software projects within budget and on time.

Read our Press Release for more information on the Time Machine Container solution for GKE.

[Learn More](#)

WHITE PAPER

USING TIME MACHINE® CONTAINER TO TIME TRAVEL ON AMAZON ELASTIC CONTAINER SERVICE (ECS)



Time Machine container (created from a Time Machine container image), enables time travel of desired target ECS containers. To time travel a container where your application is, you just need to deploy a Time Machine container in the same cluster, without the need of modifying the container images of the application you're using.

Time travelling is done on the cluster level, where all the (configured) target containers see the same virtual time.

Please note that you can time travel containers running in multiple clusters, by creating a different Time Machine deployment in each of those clusters and synchronizing them via TM Sync Server.

Read our White Paper to learn more.

[Learn More](#)

BLOG

How to Time Travel in an RKE2 Container Environment



In recent years, the world of containerization has experienced a significant boom, with numerous container orchestration solutions emerging on the market. The diversity of those solutions empowers the developers to embrace containerization while finding the perfect fit for their projects in many unique use cases.

One of the more popular choices for users looking for additional security is Rancher, an open-source container management platform that provides a user-friendly interface to deploy and manage containerized applications across multiple Kubernetes clusters. A security enhanced version of Rancher, RKE2 (Rancher Kubernetes Engine 2), builds upon the powerful capabilities of Rancher and focuses on security and compliance within the U.S. Federal Government sector.

Read our blog to learn more about Time Machine and Rancher Kubernetes Engine 2 (RKE2).

[Learn More](#)

A WORD FROM OUR CUSTOMERS

FROM THE GOVERNMENT SECTOR



"This was successful and the app team verified that the performance was good. So, they are happy. Thank you for enabling this to happen. It's been a long road but we

are getting there now."

*Database Administrator
Database Services
SAP*

FROM THE BANKING & FINANCE SECTOR



"Without Time Machine, we simply would not have been able to accomplish this testing or training as it would have been way too much work and the wrong dates would have been seen in the program. Microsoft's Active Directory essentially prohibits us from being able to move the system clock forward or back from real-time. Time Machine provided us the ability to get this done."

*Mortgage Platform Architect
One of the Largest Banks in UK*

FROM THE INSURANCE & HEALTHCARE SECTOR



"Time Machine is paramount for us to test our Automated Campaign Planning, Processing & Billing in a timely fashion. All this needs to be ascertained today, to be possible to provide tomorrow. Thus the need for Time Machine and thus the extensive use of the product."

*IT Project Manager
Folksam*

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