

VOPAK | Cool Data Mover Speeds Up Data Migration in OutSystems



All organizations working with enterprise software will eventually face the need to import, export, duplicate, or delete data. For conventional software platforms, automated tools are available to handle this. But for the low-code platform OutSystems, such solutions didn't yet exist. Companies had to transfer data manually — a time-consuming and error-prone task. OutSystems+ partner CoolProfs developed the solution: Cool Data Mover.

With the Cool Data Mover, companies can manage data imports and exports for a variety of purposes with the press of a button — and fully in compliance with GDPR. As a result, data migrations are completed in days instead of weeks.

Several CoolProfs clients have successfully implemented the Cool Data Mover, including Royal Vopak.

Vopak and the Cool Data Mover

Global tank terminal operator Vopak depends on software systems for its business operations. Data migration regularly plays a key role — for performing system tests, re-producing production bugs, demonstrating new applications, and training end users. Without data, all of this becomes a challenge.

But the correct data is often missing in non-production environments, requiring users to manually input or restore it again and again. Conversely, bringing external data into production environments can also be difficult. These time-consuming, error-prone processes undermine the efficiency benefits of rapid application development. Cool Data Mover solves this: with this tool, companies like Vopak can automatically export, import, or delete data across different environments. Three years ago, Vopak switched from its existing ERP system to the low-code

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platform OutSystems.

A boost for productivity, says Sander van Dijk, DevOps engineer at Vopak: "Many projects are now accelerating, and that has an impact on our data flows: where we used to transfer data manually, it's now far too time-consuming. That's where the need for a solution like the Cool Data Mover came from. This tool helps us export data from our OutSystems applications or import entire data flows — all with the press of a button. By now, we can't imagine working without it."



Significant Time Savings in Data Migration

The tool delivers major time savings when rolling out new software.

Van Dijk explains:

“If we want to export data, we can specify all our preferences using filters. Because all the data is filtered that way, work for the DevOps team has become much easier. When transferring data between applications, we’re confident that the data integrity remains intact. Being able to move correct data to and from active work environments saves us a lot of time. And because we have more certainty, we can plan ahead more easily.”

Fast Rollouts for Bug Fixing

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Safer Testing and Training

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Rollouts and Future Ambitions

Van Dijk sees even more opportunities to benefit from the Cool Data Mover:

“At the moment, not all of our teams are doing Continuous Delivery yet – but that’s where we’re heading. Often the missing piece is data, so the Cool Data Mover could be very useful there too. It also remains a valuable tool for deploying software to new terminals.

Everything can be set up in a clean environment, working from a predefined baseline copy. One major advantage of this method is that we can easily test individual components. As a result, new software is rolled out faster. For our DevOps teams, the Cool Data Mover has become mission critical.”

Van Dijk is pleased with the collaboration with CoolProfs:

“From the start, CoolProfs listened closely to our needs. The ‘engine’ of the Cool Data Mover was already solid, but because we formed a think tank together, we were able to go a step further. Thanks to this collaboration, we now have a robust solution that integrates perfectly with the OutSystems PaaS environment. After a simple installation, the Cool Data Mover just works. You move data from A to B – and that’s it!”



Royal Vopak N.V. is the world's largest independent tank storage service provider, specializing in the storage and handling of chemicals, gases, and oil products.

Vopak operates a global network of tank terminals located at strategic sites for customers in relation to key shipping routes.

 www.vopak.nl



CoolProfs is a leading OutSystems consultancy company focused on the development of complex information systems. Our approach is fully geared towards the business and spans across the entire life-cycle. We are a highly qualified OutSystems+ partner. CoolProfs works for innovative organizations such as a.s.r., DB Schenker, Municipality of The Hague, Samskip, Stedin and WoningNet.

Our R&D department works closely with our customers and OutSystems to optimize a DevOps way of working and fully embed CI/CD on top of OutSystems.

Our Road to ODC proposition enables a smooth transition to the new ODC platform.

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