

PAAS: MODERN CLOUD DEPLOYMENT FOR MDM

As a platform technology, multi-domain MDM has been challenged with the limitations of previous cloud deployment models, but by leveraging new approaches to containerization MDM can at last leverage the power of the cloud without giving up the all-important flexibility of the platform. Profisee MDM is the first MDM platform to embrace full containerization and enable true PaaS (Platform-as-a-Service) deployment.

For the first time, an MDM deployment in the cloud can take advantage of the scalability and lower cost of cloud deployment while enabling the critical flexibility required by the data model as well as seamless data access for a multi-domain MDM solution.

THE PAAS ADVANTAGE

Platform-as-a-Service deployment has only recently become practical with the availability of containerization platforms such as Kubernetes which allow easy cloud deployment, maintenance and upgrade of a fully-configured version of the platform.



Flexible Data Model

It's the same software you run on-premise, but in the cloud. You have full control over the solution, including its configuration and usage.



Unlimited Data Access

It's your data, stored in your database. You can query it, copy it, and download it directly from the database. You aren't restricted by API limits or throughput. You'll never need to ask Profisee for your data.



Fast deployment

Deploy Profisee in minutes whenever you're ready to start. The platform auto-configures itself. No software to download, copy, compile, install, and test. No lengthy install manuals to read or obscure configurations to set.



Minimal maintenance cost/effort

No servers to maintain/patch. New versions are shipped via containers, which will automate the upgrade process from one version to the next.



Pay only for what you use

Scale Profisee up/down or even off as needed. Only pay for the memory and compute you actually need.

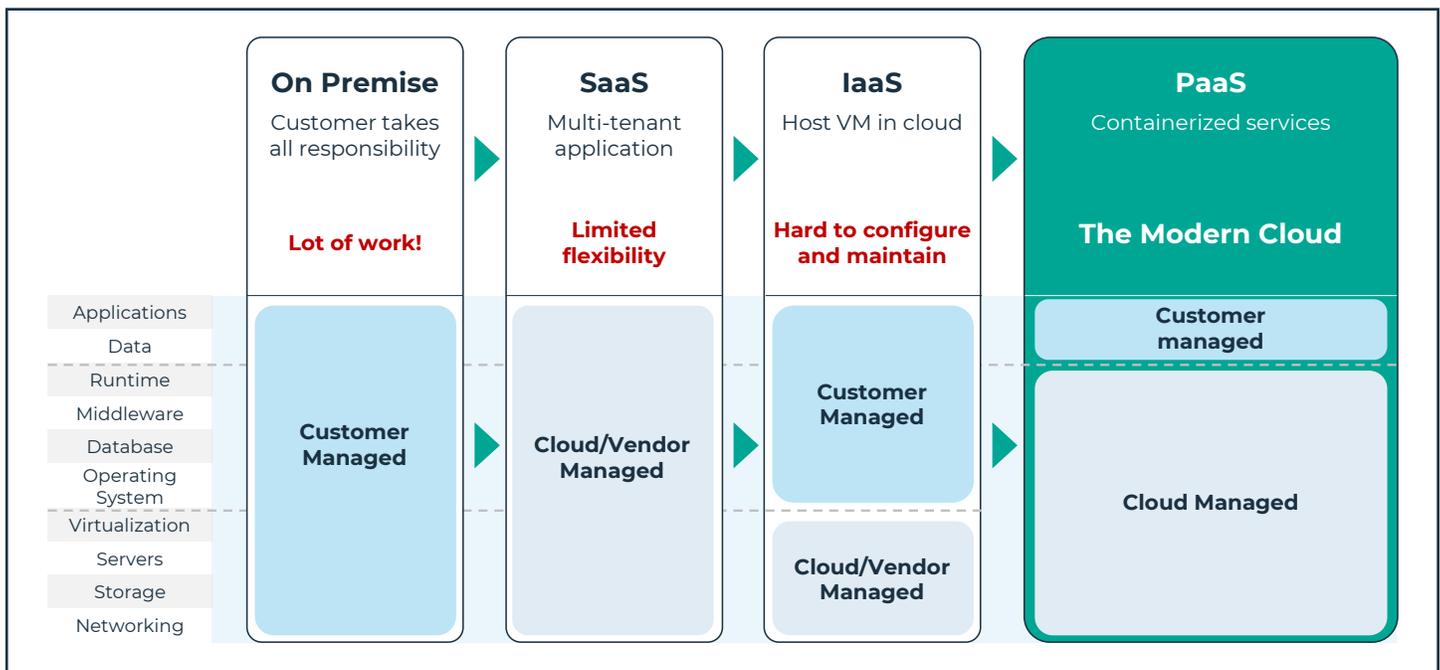
Profisee MDM can be deployed in a PaaS architecture on Azure, AWS and other popular cloud platforms.



MDM DEPLOYMENT MODEL EVOLUTION

The whole world now recognizes the many benefits of the cloud for applications, data storage, analytics and so on, but MDM – especially true multi-domain MDM – has a particular need for a highly flexible data model and seamless access to fairly complex data. This has meant that the state-of-the-art deployment model for MDM Has gone through some evolution. The good news though is that cloud deployment technology has finally caught up and (if the MDM solution support it) can be deployed in a true PaaS architecture.

The core advantage of a PaaS architecture is that for the first time, we can attain the appropriate balance between the required flexibility of the data and applications layers, and the scalability and cost-performance offered by the cloud.



THE OTHER STYLES EXPLAINED

On premise - For years the only option. It give a lot of flexibility but puts all the responsibility on the customer and that's a lot of work!

SaaS - The first cloud deployment model, true software-as-a-service offering were great for multi-tenant applications where the usage can be pre-determined, but for multi-domain MDM where data models and data access cannot be pre-determined, they lack the required flexibility

IaaS - The next evolution, and where many MDM vendors are today was Infrastructure-as-a-Service. In this model, the MDM software is deployed on a cloud server to take advantage of scalable computing power, but the customer was still required to install, configure and maintain the software so in this model, the 'promise' of cloud deployment was never fully realized and although it has become a popular method, many customers find the overall cost saving to be minimal due to high ongoing maintenance costs.