



## ▶ USE CASE: PLATFORM AS A SERVICE (PAAS) USING CISCO CLOUDCENTER

### Technology

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Cisco CloudCenter is a multicloud management solution that allows enterprise IT teams to securely design, deploy, and optimize infrastructure and applications across multiple clouds from a single point of access. It delivers a consistent user experience, while controlling costs and helping you meet compliance requirements. Cisco CloudCenter abstracts the application profile from the underlying infrastructure, translating the needs of the workload into cloud-specific practices and API calls. As a result, developers can deploy and manage their workloads in multiple environments without having deep cloud expertise or needing to learn multiple cloud-specific management tools. Workloads can be a single virtual machine, a traditional enterprise application, or a containerized cloud-native application on Kubernetes. They can be deployed and managed for development, test, or production purposes, in any mix of public cloud or private infrastructure.

### Challenge

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Our customer needed to increase speed and agility across the data center and optimize workloads for users. They needed a centrally governed portal which allowed users to manage their workloads, develop business applications, and import custom legacy applications. There needed to be policies and governance to help manage resources and budgets. The solution had to bring together the different teams of experts within the business to work on a common platform and drive ownership, while reducing costs and automating business processes in a reliable manner.

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## Solution

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Metsi proposed a multi cloud solution based on Cisco CloudCenter. This software solution provided multicloud management of infrastructure and applications that allowed the customer to design, deploy, and optimise deployments on premise and in public clouds utilising the in built governance policies that provides centralised visibility and control. It allowed the administrators to produce reports and analyse the consumption patterns of deployed workloads which provided visibility into the total cloud spend. It also identified cost-optimisation strategies so as to avoid paying for resources that didn't deliver value. The software simplified business processes through workflow automation and seamless integration.

At design time Metsi architects along with lead engineers composed the dependencies of their multi-tier applications into an application profile, leveraging numerous out-of-the-box and custom integrations into the customers' existing infrastructure ecosystem of enterprise tools. The consumers of the solution could deploy the profile, devoid of multicloud complexities, using a pre-established governance framework consisting of application and infrastructure policies. Applications were delivered consistently and reliably across private and public clouds in a manner that eased the transition to operations teams.

This proved that utilising this cloud automation engine, Metsi could automate complex business processes, reduce total cloud costs, help capitalise on unique benefits provided by each cloud provider which in turn freed up their resources to focus on innovation..

## Summary

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Metsi Technologies now offers Platform as a Service (PaaS), utilising your private datacentre and public cloud environments by leveraging Cisco CloudCenter Suite. Exposing those system and application API's we can integrate and automate processes, into agnostic repeatable blueprint applications that are designed to be deployed consistently and efficiently every time.

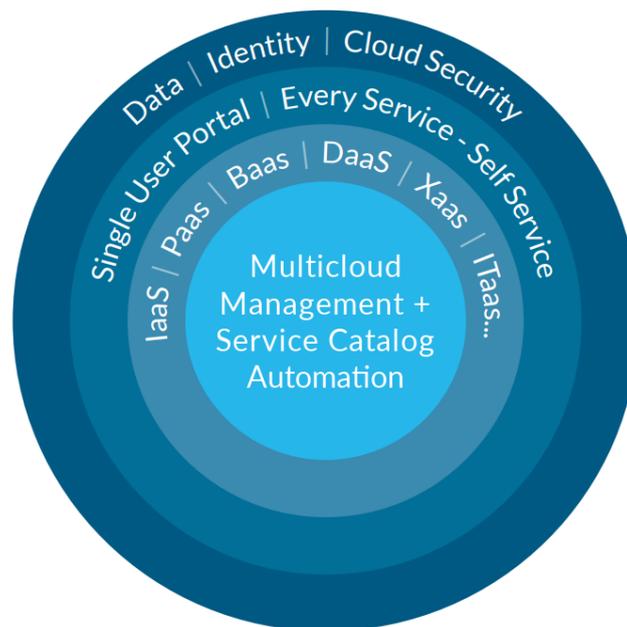
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## Metsi Technologies

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Metsi is a global Full Stack Engineering Systems Integrator, Cisco Integrator Partner, and Cisco Business Learning Partner. We have business offices in the US, UK, and Germany and distributed engineering resources throughout North America, Europe, and Africa.

Metsi specializes in complex systems automation & orchestration, built on a multicloud or hybrid cloud fabric, and empowered by a Software Defined Data Center. Our software engineers are experts in self-service platforms (Prime Service Catalogue, CloudCenter), real-time business performance and optimization (AppDynamics, Tetration, Turbonomic); and automated control of network infrastructure (ACI). We integrate the entire IT stack, including RedHat, Microsoft, VMware, Kubernetes, AWS, Azure, and Google Cloud Platform. At the top of the stack, we offer 20+ years of Business Performance Management, including business intelligence, software intelligence, and Cloud APM.



Metsi Technologies Continuous Digital Innovation