7 REASONS WHY MORE ENTERPRISES TRUST ORMUCO'S SOFTWARE FOR THEIR CLOUD AND EDGE WORKLOADS

ormuco

In an era where IT is at the core of every business activity, an agile, scalable and performant environment is what makes the enterprise successful.

With this in mind, Ormuco has developed a software solution that amplifies the benefits of cloud technologies.

Powered with AI and machine learning capabilities, Ormuco Stack opens new market opportunities for businesses, enabling and simplifying deployment of workloads 'at the edge' of the network.

Here are seven reasons why more enterprises are adopting Ormuco Stack around the globe.

1.

MANAGING AN HETEROGENEOUS INFRASTRUCTURE BECOMES LESS COMPLEX

Ormuco Stack helps you unify your entire business infrastructure into a single, collective entity.

Our solution will help you build a rock-solid infrastructure using commodity hardware. Instead of investing in a costly SAN for example, Ormuco Stack will provide you with the same storage reliability and redundancy built on HDD and SSD on consumer-grade servers.

> *Also, you can count on Ormuco Stack to manage more than just local and data center servers, as it will enable you to manage other equipment built on the x86 architecture, including edge gateways.*

You can spread your workloads over multiple geographical locations, which allows you to deliver services with a lower latency, optimized redundancy and high availability. You will be able to manage all locations from a single portal.

2.

ORGANIZATIONS GET ALL THE BEST HYPERVISOR FEATURES WITHIN A SINGLE, VERSATILE SOLUTION

Ormuco Stack comes with hypervisor functionality, allowing it to replace popular virtualization tools like VMware. It is ready for bare metal deployments.

It offers kernel-based virtualization (KVM) to build your virtual machines, along with support for containers of all types, including Kubernetes.

Migrating from another cloud platform is easy, as Ormuco Stack will let you import VMs in RAW & QCOW2 format.

> *Our solution's virtualization features go beyond cloud computing by helping you deploy IoT edge gateways too, thanks to its image builder functionality.*

Again, you are free from the high costs of popular but expensive hypervisors, simply by switching to Ormuco's solution. This will help streamline your business, enabling you to optimize your budgets.
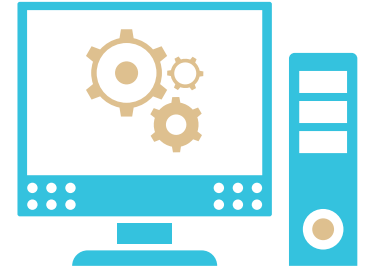
3. BUSINESSES CAN TAKE ADVANTAGE OF ORCHESTRATION FEATURES AT NO EXTRA COST

Orchestration software such as VMware's vRealize is required to centralize and automate the management of multiple cloud environments deployed in different locations.

When you run Ormuco Stack, you do not need any extra licenses or third-party tools for cloud orchestration. The solution comes with the functionality built-in.

In an edge deployment scenario where cloudlets are spread all over different locations, there is no longer need to send technicians on site. Consequently, you are able to save on staff costs and administration.
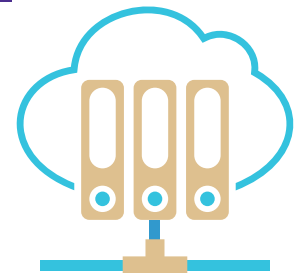
> *The number of cloudlets deployed is never an issue as the orchestrator automates most of the operations.*

4. BOTH PROVIDERS AND CUSTOMERS KEEP BETTER TRACK OF THEIR PROJECTS WITH TRANSPARENT SHOWBACK

If you are a cloud service provider or a software development company, you know how metering and billing are important. You can only make your service level agreements (SLA) better with a reliable platform that accurately bills per consumption.

With Ormuco Stack, you will not have to develop your own solution, as the platform makes it possible to bill every used resource per hour and per month.

> *Our billing engine was developed in-house, providing an essential complement to open source modules such as Ceilometer.*

Moreover, billing is no longer an issue for edge deployments, thanks to Ormuco Stack's reliability and ease of use. You can have hundreds of IoT edge servers deployed in multiple locations;you will always be able to bill your users in real time.

Both you and your customers can take back budgets in control, thanks to project-based quota settings.

5. ORMUCO STACK SIMPLIFIES DISASTER RECOVERY PLANNING THANKS TO BUILT-IN BACKUPS

While Ormuco Stack will help you build redundant and highly available edge and cloud services, it will also serve your disaster recovery goals. Anything can be backed up, from containers to storage blocks. Creating backup tasks is as simple as 1, 2, 3. Service providers are free to bill their clients for backups, based on the storage consumed.

Because Ormuco Stack enables you to manage multiple geographical locations, your disaster recovery strategy is more efficient. Recovering your services or delivering them from a secondary data center is simplified. You will always have a fresh copy of data so you can quickly get back on your feet in case of a data loss incident. Business operations can continue unimpeded.

Your backups are the best guarantee against loss of profits caused by downtime – which translates to huge cost savings.

> *A study by the Rand Group shows that 98% of corporations say that a single hour of downtime can affect their profits by more than $100,000 – and the larger the company is, the higher the cost will be.*

6. ORGANIZATIONS CAN RELY ON AN INTELLIGENT PLATFORM TO REDUCE STAFF COSTS AND STILL PROVIDE FIRST-RATE SERVICES

With all edge and cloud features combined into a single system, Ormuco Stack allows for automated maintenance and operations, so it needs little oversight.

First, zero-touch updates allow your Ormuco Stack platform to stay up-to-date and secure. This also helps you maintain a more secure cloud or edge infrastructure. You do not have to worry about security vulnerabilities that exist in an outdated system.

> *When you are developing software, you want your intellectual property to be safe. A secure infrastructure prevents cyber-attacks and other malicious hacks*

Second, our solution relies on artificial intelligence (AI) and machine learning so it is able to learn from your systems and self-operate them. It will predict incidents and stop them before they occur.
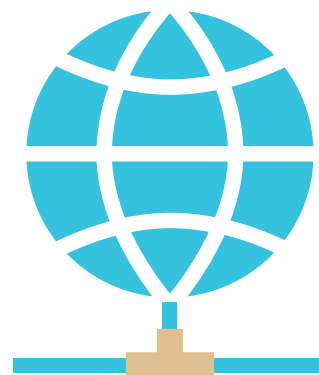
Third, developers no longer have to wait for system administrators to fix issues. Because they are free from these time-consuming tasks, your engineers can be better used in the company. Your DevOps experience is better, and you become more agile and responsive to business changes.

7. SOFTWARE DEFINED EVERYTHING (SDX) AND HYPER CONVERGENCE BECOME A REALITY

Core IT functions such as compute, networking and storage can be performed with Ormuco Stack software. This native functionality simplifies deploying, managing and scaling of IT resources.

By providing software-defined IT functions to the business, Ormuco Stack becomes the perfect tool to achieve hyperconvergence. A hyper-converged system federates resources from multiple hardware infrastructure into one, seamless, automated entity.

A hyper-converged infrastructure (HCI) will make it possible to run any workload on a software-based architecture, without any dependence on the underlying hardware.

You can rely on Ormuco Stack to build a software-defined,hyper-converged infrastructure that is intelligent and autonomous.

> "The Private and Hybrid Cloud ecosystems are growing fast, bringing great opportunities to our customers. [...] With the Ormuco offering, we continue our commitment to support our customers by bringing great value-add to their customers."
>
> *Gustavo Möller-Hergt, CEO, ALSO Holding AG (Switzerland)*

ASK FOR A CUSTOM DEMO

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About Ormuco Inc.
Founded in 2008, Ormuco's mission is to be a leader in the deployment of edge computing as the preferred solution for data processing.

Great User Experience
2018 Award
Awarded by **Finances**Online

Rising Star
2018 Award
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