Multi-Cloud DevOps PaaS

for Financial Sphere
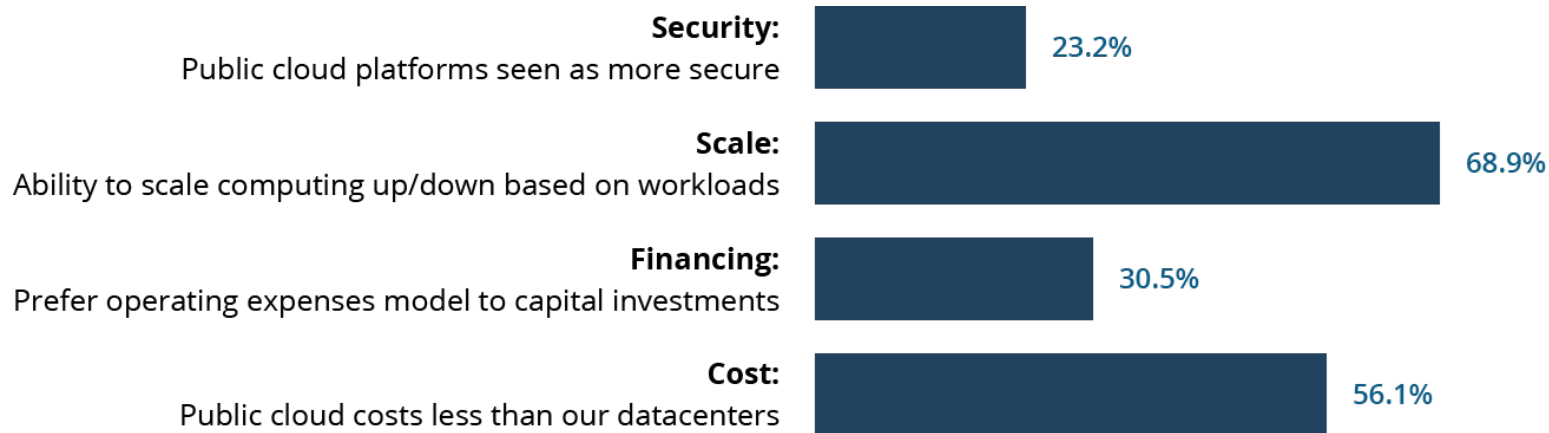
Jelastic

The Death of Traditional Datacenter

Application Workloads

PERCENTAGE DEPLOYED BY INFRASTRUCTURE TYPE

	Today	In 12 months
Datacenter	60.9%	46.2%
Private Cloud	12.4%	13.9%
Public Cloud	22.6%	34.2%
Hybrid Public/Private Cloud	4.0%	5.7%
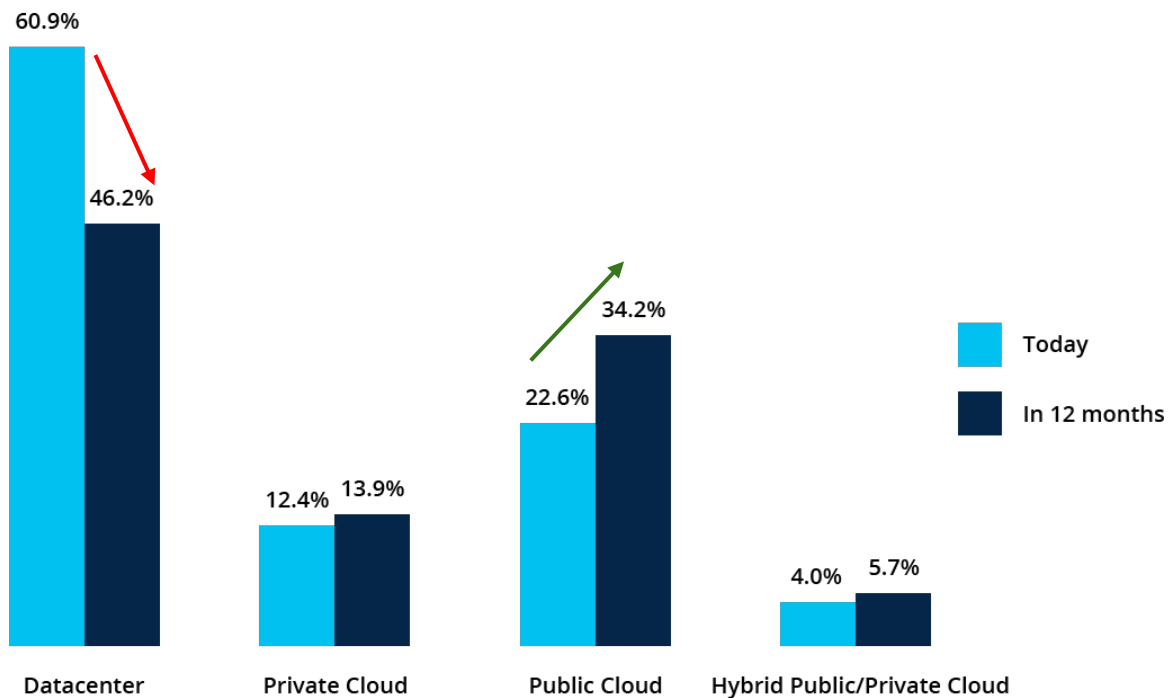
Core Drivers of Public Cloud Adoption

Security:
Public cloud platforms seen as more secure
23.2%

Scale:
Ability to scale computing up/down based on workloads
68.9%

Financing:
Prefer operating expenses model to capital investments
30.5%

Cost:
Public cloud costs less than our datacenters
56.1%

CSA *cloud security alliance℠*   Skyhigh
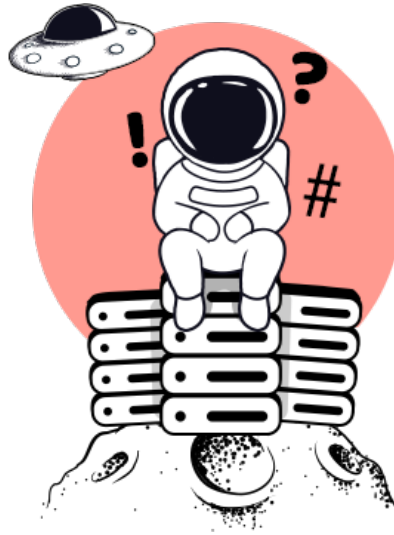
Multi-Cloud Strategy
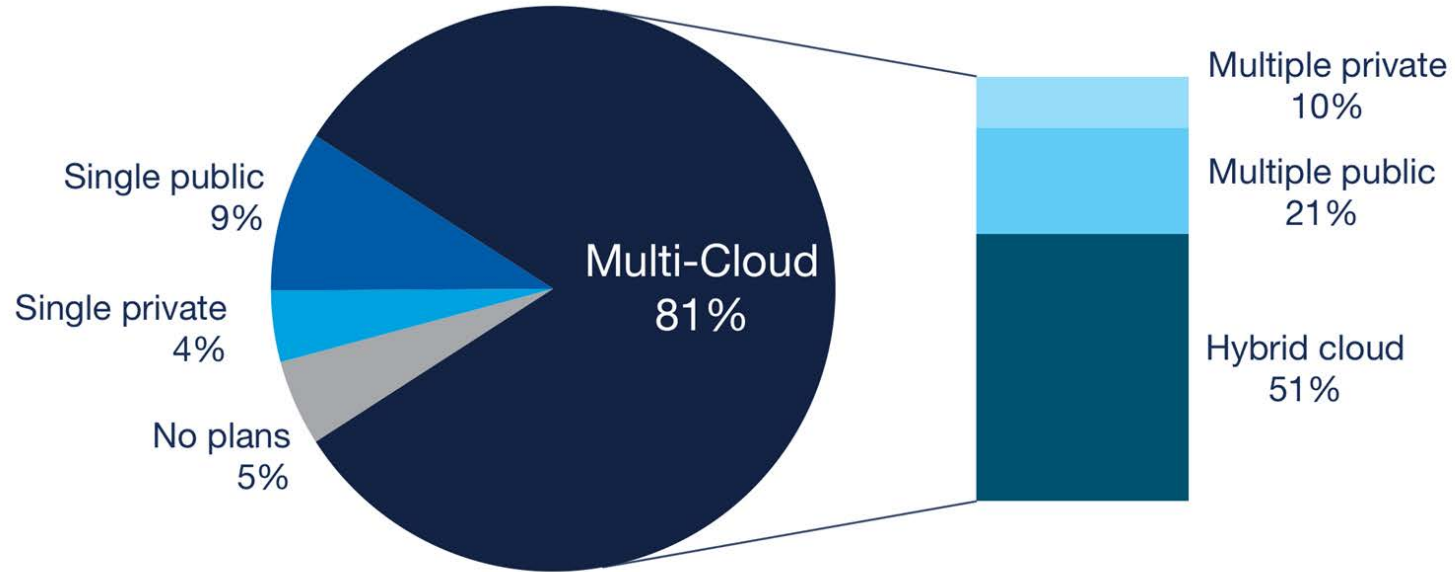
Source: RightScale 2018 State of the Cloud Report

Familiar Problems?

Complex Management and High TCO

Long Time to Market & Slow Product Upgrades

Difficult Migration Flow to Cloud & Containers

Limits in Data Location due to Security Reasons

Turnkey PaaS for Solving Various Problems

MULTI-CLOUD PAAS	**MANAGED AUTO-CLUSTERING**	**MULTI-TENANT DOCKER HOSTING**	**AUTO-SCALABLE VPS**
Turnkey platform with high availability across regions and clouds within one panel	Prepackaged auto-clustered templates require minimal involvement	Advanced Container as a Service solution for Docker based projects	Virtual Private Server automatically scaled vertically and horizontally

Trusted by Industry Leaders

Software for finance industry, Finland
- Fast provisioning of environments for customers
- Multi region availability
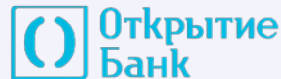
Bank, Russia
- Cloud hosting of new services
- Development environments management

Bank, Russia
- Development and testing environments management

Digital Craftsmanship, the Netherlands
- Management of highly loaded applications

Premium appliances manufacturer, Germany
- Management of testing environments
- Auto-scalable cloud hosting

Systems Integrator, Spain
- Management of testing environments

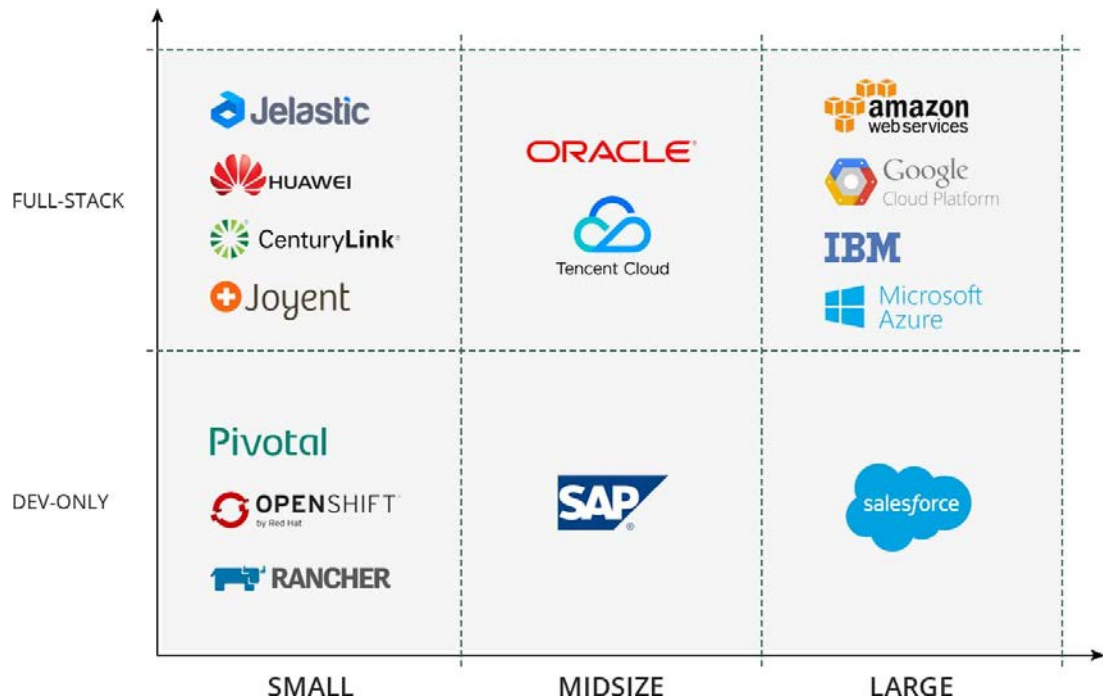**International manufacturer of lighting products, The Netherlands**
- Dev, test, production environments
- Auto-scalable cloud hosting

Big Data, Visual Analytics, Germany
- Auto-scalable environments for Big Data application

Jelastic is a Major Player in the Cloud Market

Forrester listed Jelastic along with AWS, Microsoft Azure and Google Cloud as a full-stack cloud platform provider that gives developers deep control over their application architectures, offers runtimes for projects written in various languages, DevOps toolchains, CaaS, database and analytics services, and many more.

FULL-STACK

Jelastic
HUAWEI
CenturyLink
Joyent

ORACLE
Tencent Cloud

amazon webservices
Google Cloud Platform
IBM
Microsoft Azure

DEV-ONLY

Pivotal
OPENSHIFT by Red Hat
RANCHER

SAP

salesforce

SMALL   MIDSIZE   LARGE

FORRESTER®

Jelastic is a Major Player in the Cloud Market

IDC MarketScape Public Deployment-Centric Cloud
Application Platform Market
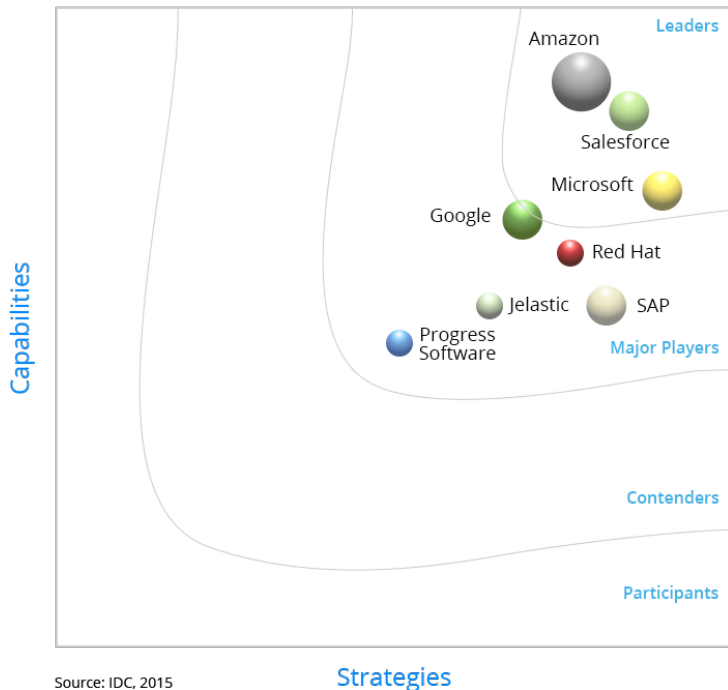
Source: IDC, 2015

"Jelastic thrives on flexibility for partners and customers offering wide choice of programming languages, Docker containers orchestration, datacenter distribution of workloads within hybrid cloud, and automation of the main DevOps processes. Jelastic has rich container adoption and high level of DevOps automation. Partners liked Jelastic's ease of self-provisioning and worldwide support."

"We like that Jelastic is riding the wave of IaaS-PaaS convergence, rather than struggling against it. The company has already proven that it can support large service providers that want to build applications and services on top of its IaaS-PaaS combination."

Eliminate Configuration Complexity
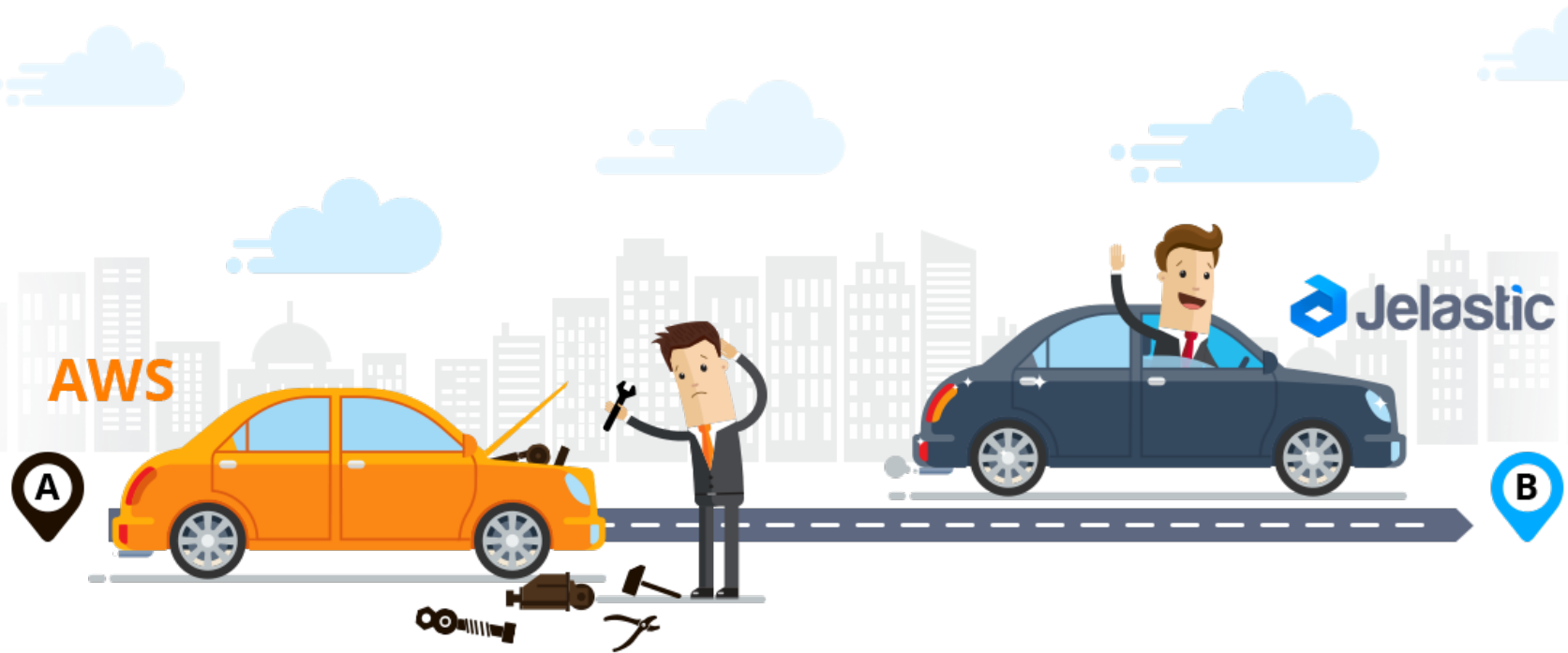
Simple, Intuitive and Functional Platform

The thing that makes me pull away from Google App Engine and Amazon Web Services is Jelastic user interface: makes life easy for me and my team whereas those other UIs are just terrible. It's too much hard work to use those platforms and in Jelastic we just know how it works. So it makes a big big difference for us.

Paul de Villiers BlueBox

Jelastic has become the most crucial choice of solution for us. When a customer wants to host his informational system, we systematically offer him this platform. *The management interface is also to quote: simple, intuitive and functional.*

Simon Lee Atout Persona

The ease-of-use of the Jelastic control panel: it is simple and easy but extensive enough to control instances in the clear user interface, and they also offer the possibility for more advanced controls via SSH connection. When we were comparing with competitors, they offered only user interface controls or SSH terminal based controls, not both, as Jelastic does.

Esko Kantola FA Solutions

Jelastic allowed us to host the project in a simple way with total cost control. *I do not think there is yet another alternative PaaS for Java applications like Jelastic, that is so easy to understand and use*, cost-effective, and efficient for projects that do not have the continuous intensive load.

Paolo Urbanetto Maggioli

Rich and Intuitive Web UI

Jelastic is Fantastic

[Link to the video](#)

Father of Java Loves Jelastic

[Link to the video](#)

Managed aPaaS and Automated SaaS

START → INSTALL → DEPLOY → SCALE → REPLICATE → UPDATE → ENJOY

AUTOMATED

Ready-to-Go
Product Line

Turnkey
Technology Pack

Advanced
Business Extension

Auto-Scalable Clusters

Customizable Marketplace

Install applications, clusters, add-on and plugins just in one click via marketplace integrated to intuitive UI.
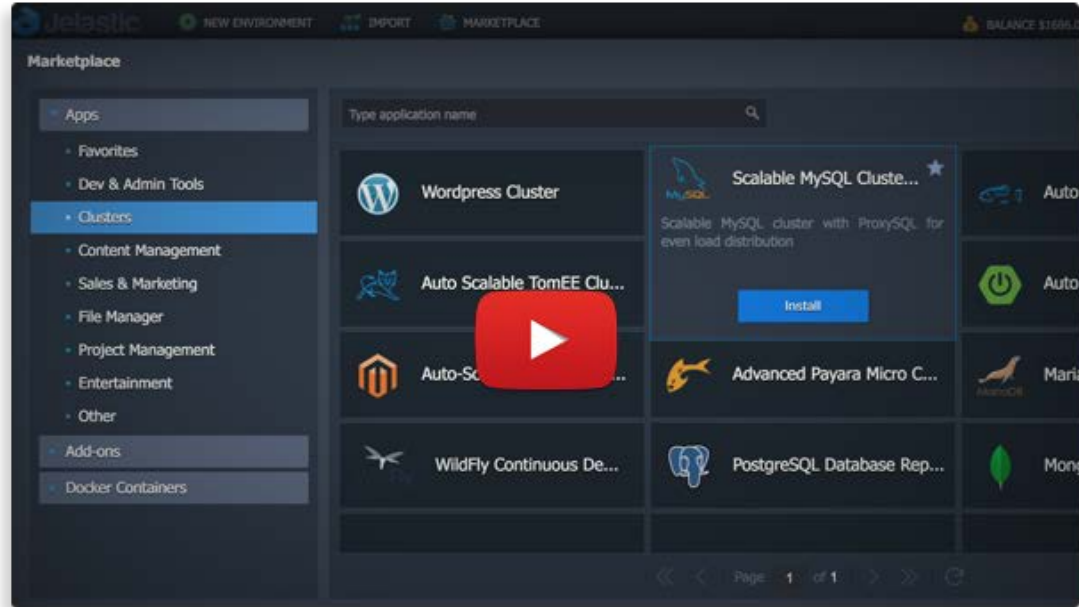
[Link to the video](#)

Modernization & Migration of Traditional Applications
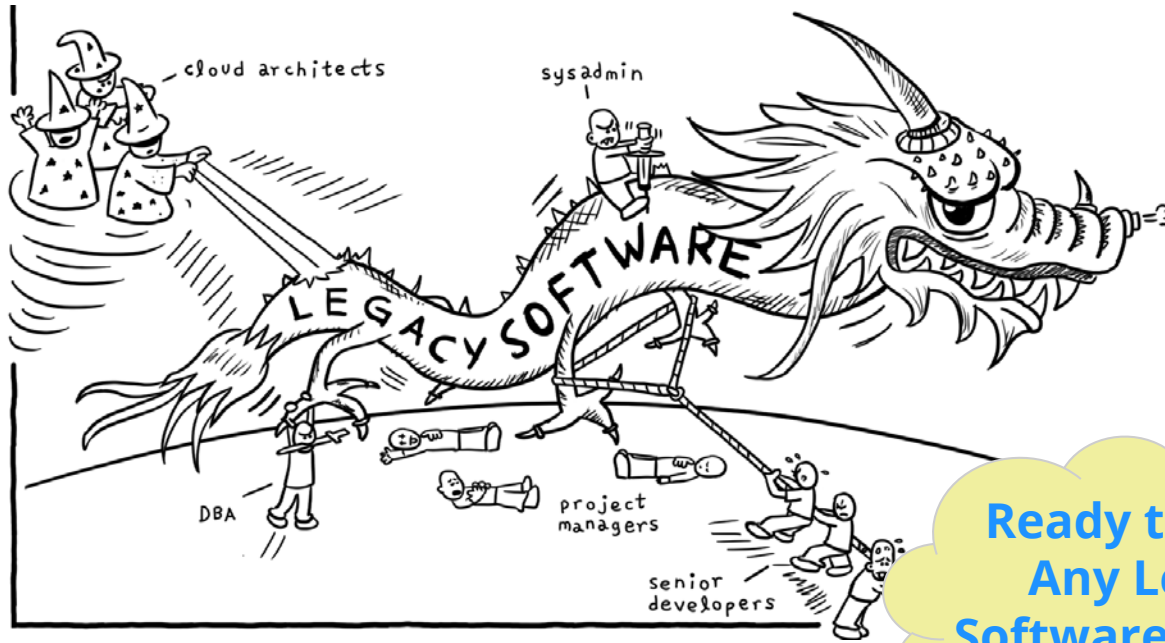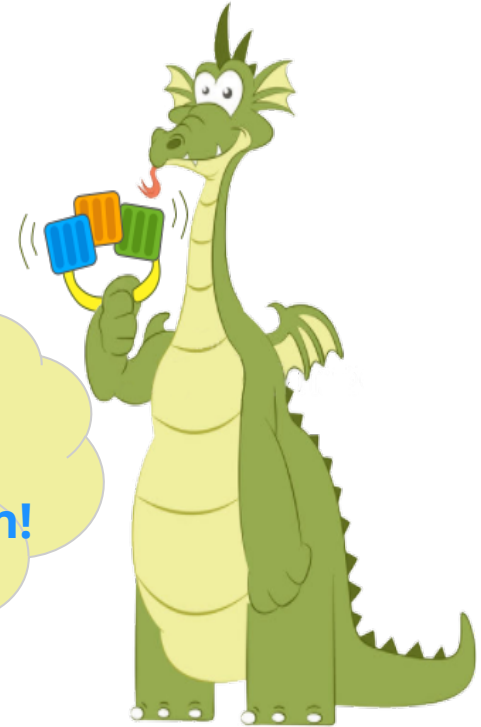
Miele: Domestic Appliances Manufacturer

Easy Migration from VMs to Containers

Technology Used
- GlassFish on Java
- NGINX
- WildFly
- MSSQL

Previous Solutions Used
On-premise

Country/Region
USA

Infrastructure
VPC on Packet

Case Study

Reasons to choose Jelastic
- Easy migration to VMs w/o apps redesign
- Built-in support of GlassFish and WildFly app servers
- Multi-tenant self-service portal for developers
- Vertical and horizontal scaling
- DevOps automation
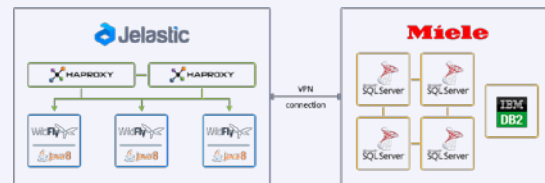
Quote

We are very satisfied with the overall deployment of Jelastic. The benefits that we realized are highly available environments, clustering, and failover coverage.

Ted Kleczko, IT & Ecommerce Manager at Miele USA

Pure Container Based Platform

VM1   VM2   VM3   VS   Container 1

→ Migration with Downtime   --→ Resizing without Downtime
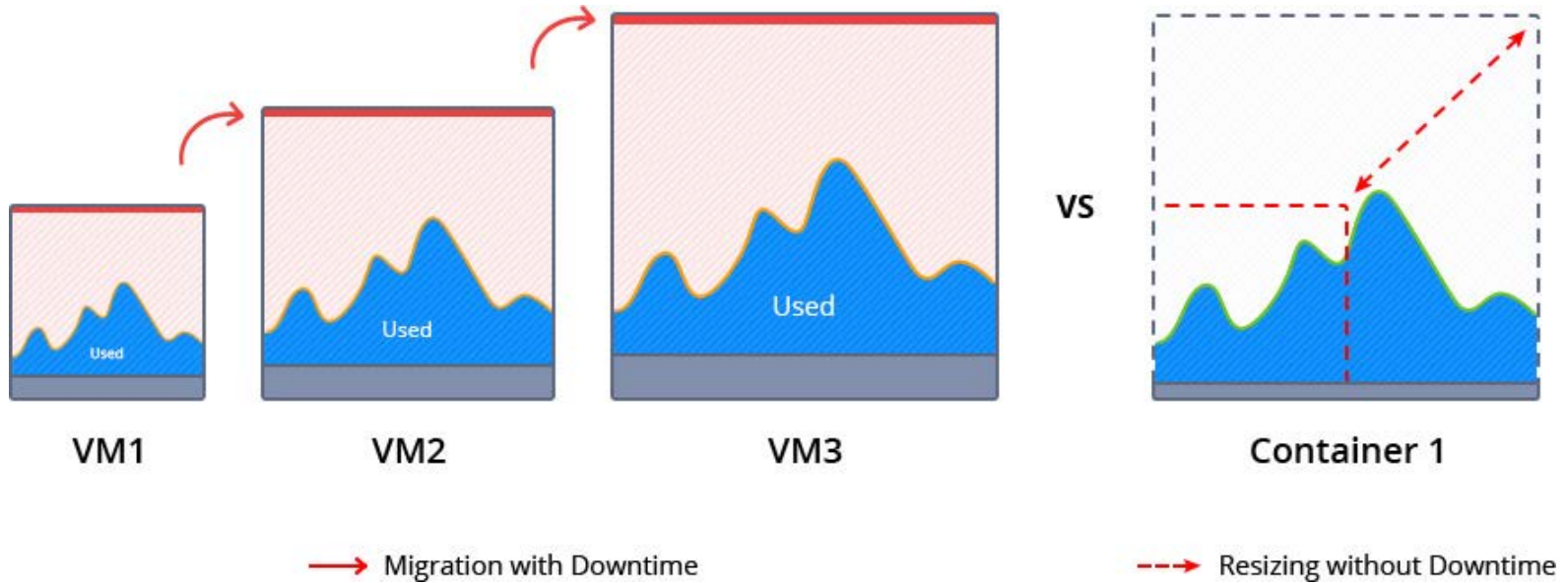
Resizing of the same container on the fly is easier, cheaper and faster than moving to a larger VM.

Support of Standard Containerized Stacks

Game-Changing Pay-as-You-Use Pricing Model
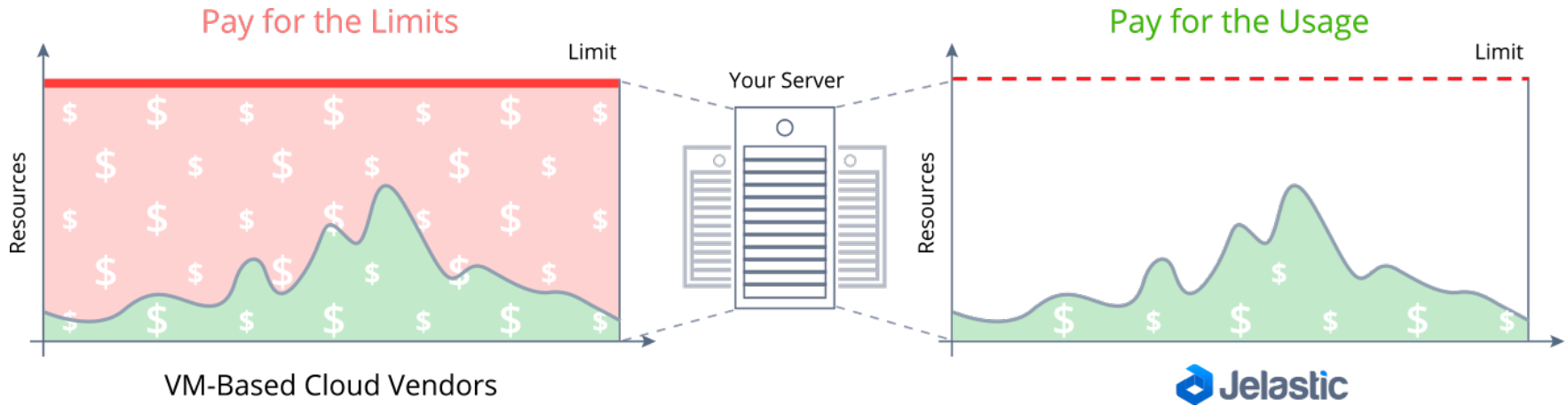
Customers love it!

Forbes - Deceptive Cloud Efficiency: Do You Really Pay As You Use?

Scaling Limits vs Real Usage

Real statistics of **defined limits** and **actually consumed resources**

Customers Feedback

We have reduced our hosting costs by almost 30%. Vertical scaling has been one of our main motivations for working with Jelastic. It is undeniable that this simple system allows us today to save money and at the same time cope with peaks in one of the resources (such as during data integration and migration phases). Simon Lee

One of the core reasons we wanted to switch was mainly the cost to be honest – we cut our hosting bill by 90%. We decided to move from dedicated s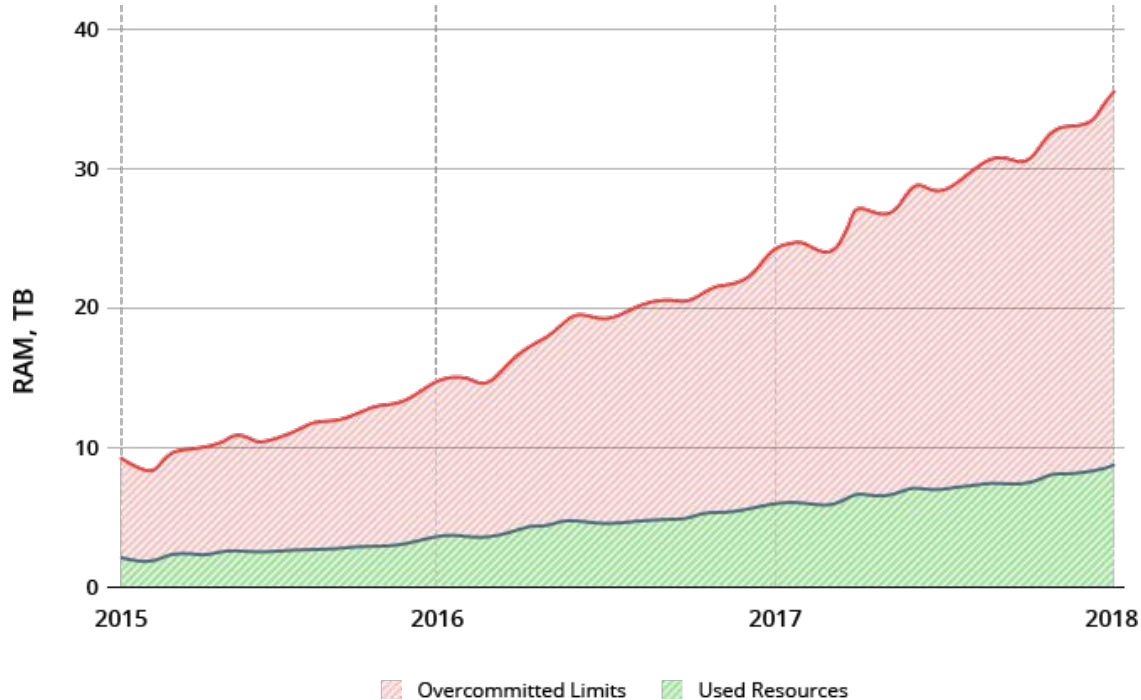erver setup (5 or 6 servers) and reduce this down to the cloud solution Jelastic, and it has cut our hosting bill tremendously. Robert Matthams

In the previous solution, we always had to choose the exact size of the environment when setting it up, and we were charged based on the fixed size. Nowadays we just need to choose the boundary conditions, and the invoicing is based on the actual usage of resources. Esko Kantola

The possibility to get resources automatically after the increased number of requests can prevent any possible downtimes. So it's good to have automatic vertical scaling activated with no influence on the architecture and no extra charge for unused allocated resources. Marco Kundert

Say No to Deceptive Cloud Efficiency

[Link to the video](#)

Multi-Cloud and Multi-Datacenter in One Pack

- Ensure DR and HA across multiple data centers
- Improve response time with geo distribution of applications
- Get isolated VIP region within a data center or in external cloud
- Use external cloud vendors for additional regions in case of temporary burst
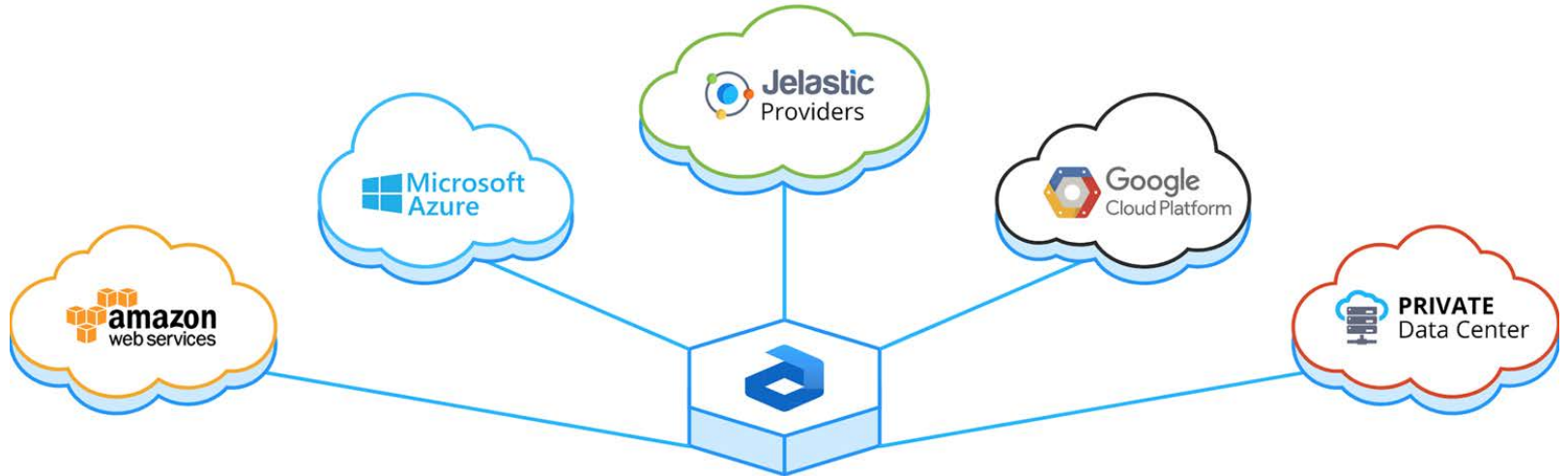
Jelastic Cloud Union of Service Providers Worldwide
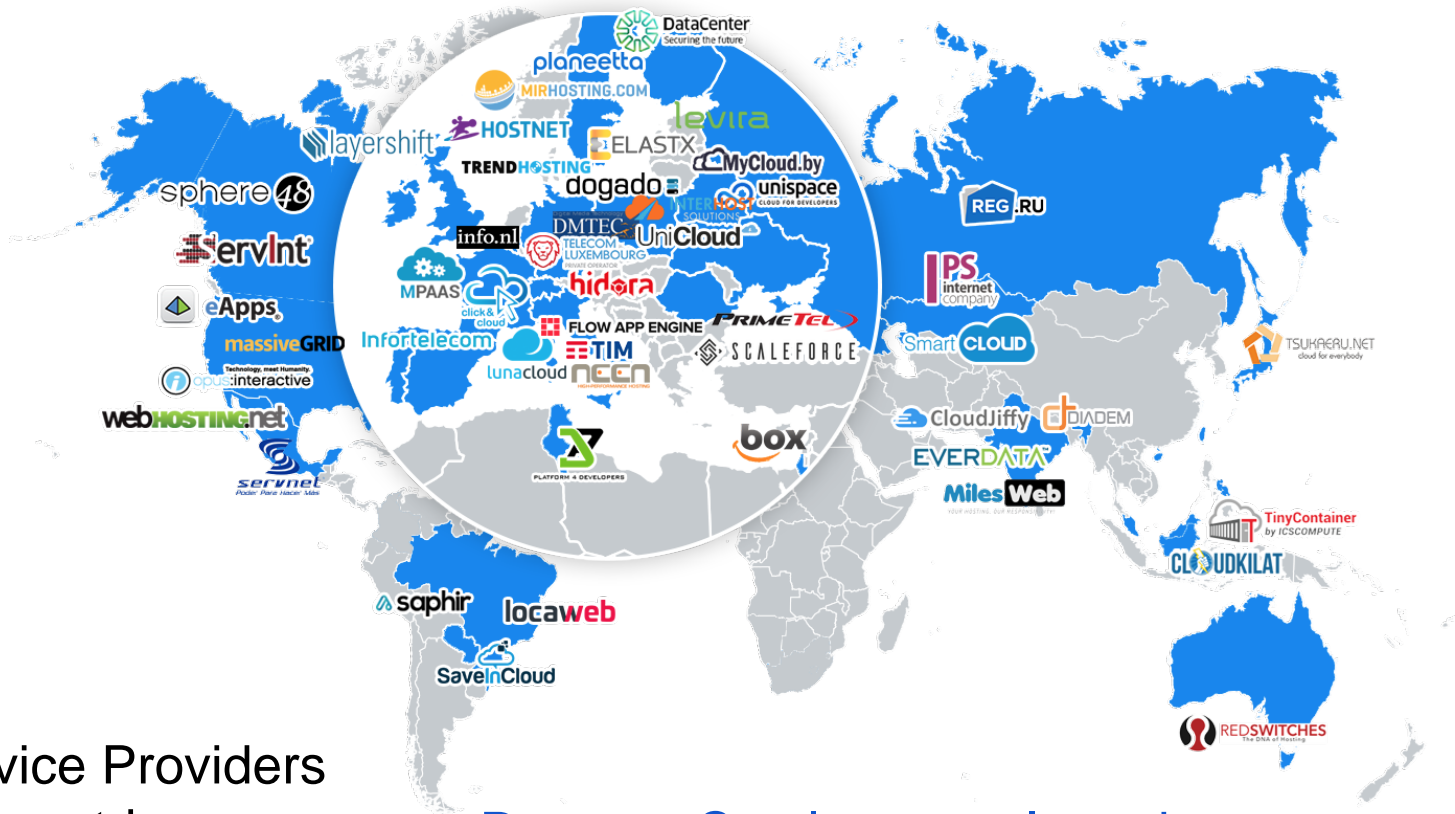
60 Service Providers
in 29 Countries

Partners Catalog   Interviews

Multi-Region and Multi-Cloud Management

FA Solutions: Financial Organization
Multi-Cloud Abstraction

Technology Used
- Tomcat on Java
- MariaDB

Previous Solutions Used
AWS

Country/Region
Finland, Sweden, Denmark

Hosting Provider
DataCenter Finland, Layershift, Innofield, Planeetta, ELASTX

[Case Study](#)

Reasons to choose Jelastic

- No limits to scale environments as they grow
- High availability
- Possibility to host projects across the countries of clients within the same-looking dashboard
- Easy environments set up process
- Continuous platform improvement
- Security
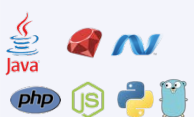
Quote

Comparing to the previous solution, we had a need to make the set-up of customer environments faster and easier: to streamline the customer implementation project. Also due to information security reasons, it is important for us to be able to host services in the same country where the service is used.

Esko Kantola, Senior Technical Consultant

High-Level Competitive Comparison

Features and functionality	Heroku	OpenShift	GCP	Bluemix	MS Azure	AWS	Jelastic
Cost	$$$	$$	$	$$	$$	$	$
Web User Interface	Limited	Limited	Limited	Advanced	Advanced	Complex	Advanced
Application Deployment / Migration	Effortless	Require training	Require training	Require training	Effortless	Require training	Effortless
Built-in templates							
Automatic Vertical and Horizontal Scaling	◗	◗	◗	◗	◗	◗	●
Java & JEE Support	◗	●	◗	◗	◗	◗	●
Application Marketplace	●	⊘	●	⊘	●	●	●
Docker Containers Support	◗	●	●	◗	●	●	●
24/7 Support	$	$	$	$	$	$	●

● Included   ◗ Limited capability $ Require additional Investment   ⊘ Not available

People
Behind Technology

Jelastic Team

- R&D
- Support
- QA
- Ops
- Management
- Sales
- Marketing
- Account Managers
- Tech Writers

16, 8, 7, 5, 4, 4, 4, 3, 2 — 63

Spain USA Ukraine Italy Kazakhstan

Management Team

Ruslan Synytsky
CEO and Founder

Ruslan designed the core technology of the platform that runs millions of containers in a wide range of data centers worldwide. He worked on building highly-available clustered solutions, as well as enhancements of automatic vertical scaling and horizontal scaling methods for legacy and microservice applications in the cloud. Rich in technical and business experience, Ruslan is actively involved in various conferences for developers, hosting providers, integrators and enterprises.

Alexey Anikin
VP of Sales

Ihor Koloduyk
VP of Technology

Tetiana Fydorenchyk
VP of Marketing

Technical and Business Advisors

James Gosling Father "Configuring cloud infrastructures is fun the first time you do it. But it doesn't take too long before it becomes a tedious time sink. And, if you have the misfortune of being a software developer that has to fight it out with an IT organization, who usually wants consistency, control and visibility, you find that you're always fighting with them. Jelastic solves all of that. Easy configuration tools for developers, management tools for IT. Peace and productivity. I love it,"

Rasmus Lerdorf
Creator of PHP

Michael 'Monty' Widenius
Founder of MySQL and MariaDB

Serguei Beloussov
Serial Entrepreneur, CEO @ Acronis

Bruno Souza
JavaMan, the Main Evangelist of Java in LATAM

Soeren von Varchmin
President @ WorldHostingDays / NamesCon

Mark Zbikowski
Former Microsoft Architect

Customers
Use Cases

TRIMM and Philips Lighting: Service Internet Agency
Flexibility and TCO Reduction

Technology Used
- PHP, Java and .NET
- MySQL, MS-SQL
- NGINX
- Magnolia, Magento

Previous Solutions Used
Managed Dedicated Hosting

Country/Region
The Netherlands

Infrastructure
Microsoft Azure

Reasons to choose Jelastic

- Flexibility of the platform
- DevOps way of working
- Total cost of ownership (TCO) reduction

Philips Lighting as End User

Philips Lighting OEM is a part of Philips and provides LED lighting parts to international manufacturers of lighting products.

Philips Lighting OEM asked TRIMM to develop a tool that would support customers with the selection process.

GMV: Technological Business Group
Reliable and Fast

Technology Used
- Java, PHP, Node.js
- NGINX
- Tomcat, JBoss
- MySQL, MongoDB, PostgreSQL, Cassandra,
- Elastic VPS

Previous Solutions Used
- OpenStack
- AWS
- Google Cloud Platform
- Heroku

Country/Region
USA, Europe, LATAM, Asia

Infrastructure
Bare Metal (Intel platform)

Case Study

Reasons to choose Jelastic

- Reliable behavior and fast apps deployment
- DevOps approach
- User-friendly dashboard
- Easy integration with Jenkins
- Live migration
- Docker support

Quote
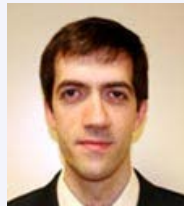
We perceived a performance increase from the very beginning. Our developers gained greater autonomy during the lifecycle of our projects. The result was a higher efficiency and also the time to market shrank.

Jesús Mariano Pascual Díaz, GMV

SATIAMO: eLogistics Platform
Simplicity, Scalability, Reliability

Technology Used
- Tomcat on Java
- NGINX
- Percona DB

Previous Solutions Used
Traditional VPS hosting

Country/Region
Austria

Infrastructure
INTERNETX HW vendor

Case Study

Reasons to choose Jelastic

- Simplicity, Scalability, Reliability
- Experienced and fast-responsive support
- Extensive functionality
- Intuitive UI
- Integrated CI and CD tools for automation
- Built-in monitoring
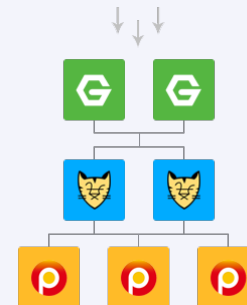
Quote

We experienced a massive gain in development time. The fact that we share more servers among the developers allows us a faster turnaround. We've also become faster with testing, developing and shipping our product to the customer. Additionally, the performance of the databases has increased a lot.

Walter Gugenberger, Software Engineer

Meta Gamer Score: Gaming Web Development
Load Spikes and Cost Reduction

Technology Used
- NGINX
- Apache PHP
- PostgreSQL

Previous Solutions Used
Heroku

Country/Region
Sweden

Hosting Provider
ELASTX

Case Study

Reasons to choose Jelastic

- Higher performance
- Ruby support
- Vertical scaling
- Ability to handle the load spikes
- Cost reduction
- Zero Code Change
- Helpful Support
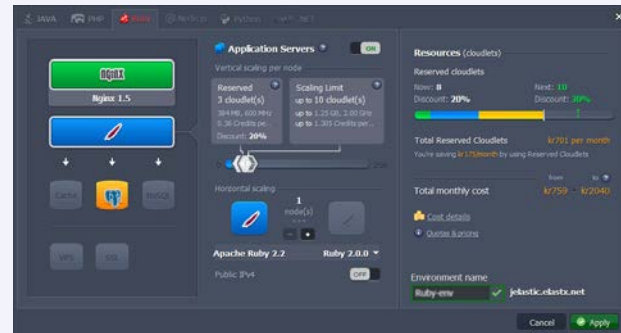
Quote

We are no longer hard-locked on data being cached to obtain high performance, which means we are very confident that the database node will scale very well into the future.

Oskar Holmkratz

Hive: Shipping Software Provider
Cost-Efficiency and Intuitive UI

Technology Used
- NGINX
- WildFly on Java
- MongoDB

Previous Solutions Used
AWS

Country/Region
Turkey

Hosting Provider
dogado

Case Study

Reasons to choose Jelastic

- Cost-efficiency
- Zero Code Change
- Intuitive UI
- Vertical and horizontal scaling
- Collaboration feature
- Ready-to-use containers
- Live migration
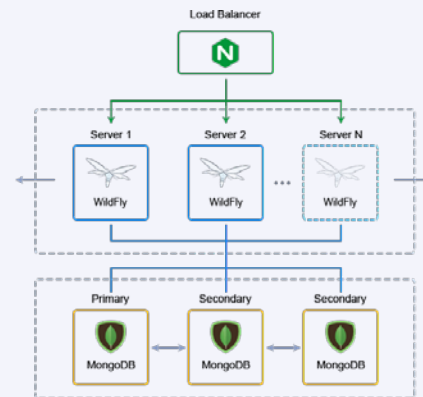
Quote

After migration to Jelastic container-based platform, running the same number of instances costed us much less than on AWS. Also, we don't need to pick instances for highest load any more and overpay, because of Jelastic automatic vertical scaling, so we are pleased with the end result.

Ismet Ozalp, Co-founder

Bytebrand: Software Development Company
Cost-Efficiency and Automation

Technology Used
- Node.js
- MariaDB
- Docker images

Previous Solutions Used
- Google Cloud
- Heroku
- Traditional VPS

Country/Region
Switzerland

Hosting Provider
dogado

Case Study

Reasons to choose Jelastic

- DevOps automation
- Shell access to most of configs
- Docker containers support
- Extreme cost-efficiency
- Stability without downtimes
- Auto-scalability
- Extensible documentation

Quote

Even if our customers do not need extra resources at the moment, the possibility to get them automatically after the increased number of requests can prevent any possible downtimes. So it's good to have this option activated with no influence on the architecture and no extra charge for unused allocated resources.

Marco Kundert, Project Manager

ezCare: Healthcare Software Development Company
Out-of-Box Technology and Cost Saving

Technology Used
- GlassFish, WildFly on Java
- Apache on PHP
- Node.js
- MongoDB, MySQL, Neo4J

Previous Solutions Used
AWS

Country/Region
Brazil

Hosting Provider
MIRhosting

Case Study

Reasons to choose Jelastic

- Intuitive UI
- Wide set of stacks available
- Collaboration and cloning of envs
- Costs-saving approach
- Transparent billing
- Auto-scaling
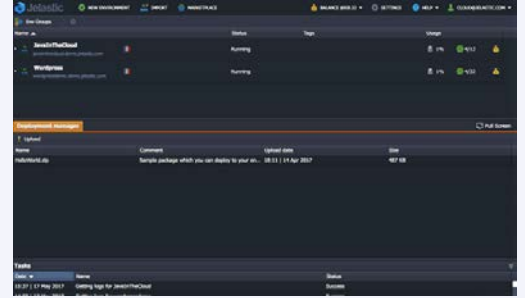
Quote

Jelastic is definitely a powerful tool for teams and developers that want to concentrate on developing software and forget about server or cloud configuration. Besides, Jelastic provides support of different technologies and service integrations.

Julio Souza, Co-founder

Atout Persona: IT Service Provider
Auto-Scaling and Cost-Efficiency

Technology Used
- NGINX
- Odoo on Python
- PostgreSQL

Previous Solutions Used
- AWS
- Linode
- Digital Ocean
- OVH

Country/Region
Madagascar, Africa

Hosting Provider
Layershift

Case Study

Reasons to choose Jelastic

- Simplicity of use
- Auto-scaling
- Cost-saving pricing approach
- Ready-to-use containers
- Good support
- Reliability during load spikes
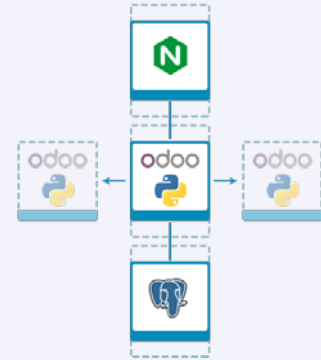
Quote

We have reduced our hosting costs by almost 30%. Vertical scaling has been one of our main motivations for working with Jelastic. It is undeniable that this system, which has remained simple, allows us today to save money and at the same time cope with peaks in one of the resources (such as during data integration and migration phases).

Simon Lee, Managing Partner

Shiply: Online Transport Marketplace
Reliability during Load Spikes

Technology Used
- NGINX
- Apache on PHP
- MySQL
- Memcached

Previous Solutions Used
Dedicated servers

Country/Region
UK

Hosting Provider
Layershift

Case Study

Reasons to choose Jelastic

- High uptime and stability
- Intuitive and easy UI
- Cost-saving pricing approach
- Good technical support
- Reliability during load spikes
- Maintenance of large databases

Quote

*One of the core reasons we wanted to switch was mainly the cost to be honest – **we cut our hosting bill by 90%**. We decided to move from dedicated server setup (5 or 6 servers) and reduce this down to the cloud solution Jelastic, and it has cut our hosting bill tremendously.*

Robert Matthams, CEO

Maggioli: Info Technology for Public Administration
Scalability and Cost Reduction

Technology Used
- Tomcat on Java
- Apache web server
- PostgreSQL

Previous Solutions Used
On-premise

Country/Region
Italy, Belgium, Albania, Spain

Hosting Provider
dogado

Case Study

Reasons to choose Jelastic

- Vertical and horizontal scalability
- Java-native platform
- Cost-saving pricing approach
- Cost limits control
- Easy management
- Reliability

Quote

Jelastic allowed us to host the project in a simple way with total cost control. I do not think there is yet another alternative PaaS for Java applications like Jelastic, that is so easy to understand and use, cost-effective, and efficient for projects that do not have the continuous intensive load.

Paolo Urbanetto, Project Manager

Cargopooling: Logistics Solutions Development
Java, Simplicity, Auto-Scaling

Technology Used
- NGINX
- Tomcat on Java
- MongoDB, MariaDB
- Docker

Previous Solutions Used
Dedicated Servers
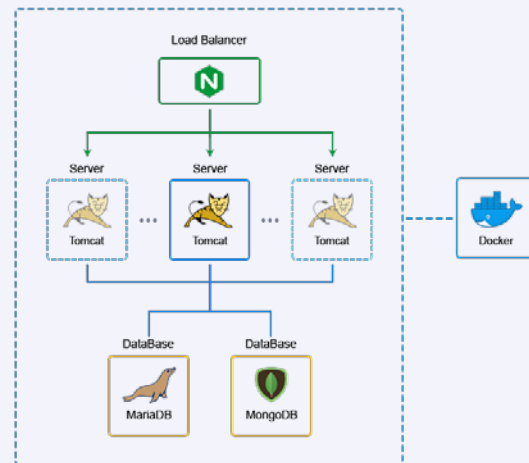
Country/Region
USA and Italy

Hosting Provider
Layershift

Case Study

Reasons to choose Jelastic

- Continuous Integration
- Simplicity of use
- Automatic vertical scaling
- Smooth migration
- Java-native platform
- No downtimes
- Reliable support

Quote

We chose Jelastic because it's easy to use and easy to integrate with CI. We have also developed some integrations for Ant. We've been using Jelastic for a while, and we definitely see changes to the better.

Cristian Costantini, CEO

Dotweblabs: Web Development Company
Easy Setup, Auto-Scaling, Efficiency

Technology Used
- Tomcat on Java, NGINX
- Node.js
- MongoDB

Previous Solutions Used
- Google App Engine
- Amazon EC2
- Amazon Elastic Beanstalk
- Rackspace
- Heroku

Country/Region
USA

Infrastructure
Packet, OVH

Case Study

Reasons to choose Jelastic

- Full control over the projects topologies
- Ease of use, set up, and maintain
- Affordable price
- Auto-scaling that saves time and money
- Reliable support assistance
- Rich functionality

Quote

With AWS and Rackspace, every time we need to configure the project, it was a total pain, and as a result, we had to do more IT tasks than we should.
When we found about Jelastic, the experience changed. There was the perfect balance of control over our environments with ease of setup.

Kerby Martino, Co-founder

Get in touch to find out more

@Jelastic

Jelastic