

aligning test & development capacity with your business needs

Test & Development as a Service (TDaaS) for Financial Institutes

Fast moving and ever changing developments characterize the current market environment for Financial Institutes. Evolving customer habits, a challenging economic background and tighter regulatory regimes require focus on flexibility, reduction of total cost of ownership, shorter time to market and high service quality. Atos TDaaS addresses these key issues by matching demand and supply of infrastructure capacity for test, development and acceptance in a 'pay for use' tariff model.

The challenge - why TDaaS?

Required infrastructure capacity for test & development is often unpredictable and can therefore result either in unnecessary expense or inadequate resources being allocated. Additionally, temporary cycles as test & development also have to cope with unpredictable changing demand during the process. There is a strong pressure to reduce development costs and shorten development lifecycles.

A quick response to changing business needs determines the market position of Financial Institutes. The ability to deploy test & development capacity rapidly and based on actual demand enables quick and adequate reaction and reduces time to market. With TDaaS usage costs for test & development are variable and when business related test & development capacity changes, the usage costs will move along with changing needs.

TDaaS taps into test & development capacity as required and allows IT departments to buy from Atos centrally managed cloud resources and stay in control. The opportunity to (re-)allocate these resources to internal project teams or business units limits uncontrolled spending on publically available cloud resources.

Our Solution

Atos TDaaS delivers flexible, business aligned and cost effective test & development infrastructure capacity provided in a pay-for-use tariff model. It enables all the benefits of flexible cloud computing while it still meets requirements for corporate privacy, security and compliance.

TDaaS provides your organization a central pool of resources with the possibility to direct these resources to where they are most needed, allowing you to constantly match demand and supply. In-company workers will have instant access to ready to go operating systems and applications in the private cloud.

The TDaaS "reseller" model can also help with simple internal cost allocation and charging of used or reserved cloud resources. This transparency will increase cost awareness in your organization, giving budget owners the control to monitor their IT spending's.

Financial Institutes remain in control of their test & development capacity. Usage and pricing is based on the components allocated during a month. Thus, usage based charging becomes an operating expense, rather than a capital expenditure.

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The TDaaS offering is completely delivered from Atos Datacenters in the Netherlands and is managed by Dutch Atos staff.

TDaaS can also be used for a broad range of other scenarios, including:

- ▶ Evaluation or demonstration of software
- ▶ Proof-of-concept environments
- ▶ Software Development for one or more project teams
- ▶ Archiving, restore of previous version
- ▶ Testing of software on different operating systems
- ▶ Training and E-learning environments
- ▶ Acceptance of new developments, prior to production

TDaaS benefits

- ▶ Reduced Total Cost of Ownership (TCO)
- ▶ Efficiency & effectiveness of development projects and team members will increase
- ▶ Fast and flexible response to changing needs for capacity, both up and down
- ▶ Pay-per-use tariff model
- ▶ Rapid provisioning
- ▶ No investments or lease obligations
- ▶ Flexible contract periods
- ▶ Cost control

“TDaaS allows us to combine flexibility with optimal control. That’s what makes it unique!”

Choose your cloud flavor

- ▶ Multi-Tenant Private cloud: experience all the benefits from a shared private cloud with the option to connect to your existing systems in our datacenters.
- ▶ Single-Tenant Private Cloud: experience the benefits and features of the Multi-Tenant offering with all the shared tooling (web-portal) but applications and services run on dedicated hardware, storage and networks.
- ▶ Dedicated cloud: Run your own copy of the Atos TDaaS solution on dedicated hardware, storage and networks.

Key characteristics

- ▶ Securely delegate administrative tasks such as granting access to users, provisioning applications, services and virtual machines.
- ▶ Unlimited n-level reseller model and white labeling to enable you and your teams and units to re-allocate the cloud services (resources) within the boundaries you have defined.
- ▶ Securely use shared infrastructure and still meet requirements for isolation, privacy and compliancy.

- ▶ Billing is built in. You can easily retrieve information on the infrastructure and services a particular customer is consuming and export this information to financial systems.
- ▶ Platform Extensibility. Integrate your existing or custom solutions with the TDaaS XML-based API for provisioning requests to create your own custom service solutions.
- ▶ Consolidate management of multiple teams, units or project environments from a single web-based interface.
- ▶ Identity synchronization of user account details between an on-premise customer AD and the TDaaS cloud user directory.

Customer, User and Service Management

The TDaaS solution uses a wizard-driven interface to simplify the process of adding new customers, users and the provisioning of IaaS services. TDaaS offers a flexible role-based security system, allowing to create and manage new roles. Additional menu items and web pages can also be added. Tools are available to set permissions and configure new web pages for the system as well as add links to external websites. Standard security roles are available and can be used as templates for new roles that can be customized to meet the needs of customers.

The TDaaS portal, providing a quick and clear overview of resources

Atos Cloud Control Panel

Services > Virtual Machine > Virtual Machines

Virtual Machines
Manage Virtual Machines for PSCD

Virtual Machine Management Overview
Use this screen to manage the virtual servers in your organization. Click on virtual server name to manage hardware resources.

Status	Name	Memory	HDD	CPU	Connect	State
●	A122465.salix.local	3072 MB	60 GB	2	☐	■
●	BIZTALK	6144 MB	50 GB	4	☐	■
●	DEV-A512881	4096 MB	25 GB	2	☐	■
●	DEVSP2010_MELKH.salix.local	6144 MB	60 GB	4	☐	■
●	DEVSP2010-A1341.salix.local	4096 MB	60 GB	2	☐	■
●	DEVSP-JMNA.salix.local	6144 MB	50 GB	4	☐	■
●	DEVSPNL11486.salix.local	6144 MB	50 GB	4	☐	■
●	DEV-TRIDION2011.salix.local	4096 MB	60 GB	2	☐	■
●	DSDEV-A512960.salix.local	4164 MB	60 GB	2	☐	■
●	DVWS17456.salix.local	4096 MB	60 GB	4	☑	▶
●	HUBVM.salix.local	6591 MB	60 GB	4	☐	■
●	MNP_NL02385.salix.local	8064 MB	90 GB	4	☐	■
●	NL24359.salix.local	3072 MB	60 GB	2	☐	■
●	REMCO_SP2010-2.salix.local	6244 MB	40 GB	4	☐	■
●	SP10DEVKHK.salix.local	6144 MB	50 GB	4	☐	■
●	SP10DEVRV.salix.local	6677 MB	60 GB	4	☑	▶
●	SP2010-DEV-A512.salix.local	6156 MB	60 GB	4	☑	▶

Virtual Resources

Memory: Used 27616MB, Remaining 52256MB
Disk Space: Used 1297GB, Remaining 453GB
CPU Cores: Used 22, Remaining 56
Virtual Machines: Used 6, Remaining 72

Refresh Resources

Save time with prepared templates

One way to save on costs is to create your IT infrastructure by using prepared templates which contain pre-installed software and are fully licensed and configured according to best-practices. We manage them for you and will keep them up-to-date. Do you want a special dedicated template? No problem, we can help you with creating your own templates. You can even group templates into libraries and give teams and units access to the libraries you specify. This enables you to create your own customized Platform as a Service (PaaS) solution on top of TDaaS.

Do you want to experience what TDaaS can do for your organization? Ask us for a demo!