

Tier 3 Environment Engine Automates Deployment of Complex Environments to the Enterprise Cloud

data sheet

SOLUTION HIGHLIGHTS

- Cross-platform, cross-framework environment configuration and deployment engine
- Store best practice-optimized environments as “Blueprints”
- Public and private Blueprint Libraries
- Search Blueprints by category, OS, performance, size of user base, and more
- Blueprint Builder transparently displays requirements and estimated costs before deploying
- Deploy best practice-optimized Blueprints in minutes
- Step-by-step wizard for use by operations teams or API and XML manifest for developer integration

BLUEPRINT LIBRARY HIGHLIGHTS

Tier 3 is creating Blueprints to automate deployment of popular business applications such as:

- Microsoft SharePoint® Server
- Microsoft Exchange® Server (Single Server)
- Microsoft Exchange® Server HA: Using data availability groups
- ASP.NET & SQL Web App: Single Node
- Team Foundation Services
- ASP.NET 2 Node Web Application: Contains front end web server and backend SQL server
- LAMP Stack
- Microsoft SQL Server 2008
- Active Directory

Deploy hardened, best-practice environments and applications to the Tier 3 Enterprise Cloud in just minutes.

Building out environments for application development and deployment is cumbersome, resource-intensive work for IT operational experts. Now there is a toolset that harnesses this expert knowledge into reusable Blueprints, enabling new IT delivery models with automated, self-service environment deployments. The Tier 3 Environment Engine manages the creation and storage of Blueprints as well as discovery and rapid deployment of these tested configurations to a reliable, high-performance enterprise cloud platform.

Cloud Automation for Business Agility

The Environment Engine toolset creates, stores, and deploys Blueprints—automating the rollout of complex environments and applications to the Tier 3 Enterprise Cloud. Server provisioning, OS and software configuration, and application installation are all scripted into Blueprints so teams can easily deploy environments without involving IT, reducing operational support costs and speeding time to implementation for business users. While 3rd-party tools only work at the application or server image layers, Blueprints deploy across the whole stack irrespective of development framework or operating system.

Blueprints can be created and optimized for best practices by a technical expert once, then stored to a library for reuse by others. Companies can publish proprietary Blueprints to private libraries for internal use or publish to the public Tier 3 Blueprint Library for increased exposure and adoption across organizational boundaries. ISVs and SIs can publish public Blueprints to automate application configuration and deployment, accelerating adoption while reducing operational support costs.

“The biggest challenge to scaling your cloud efforts is automating service management, delivery and support.”

– Cloud Computing Journal

The Tier 3 Blueprints automate application and environment deployment, dramatically reducing support times.



TIER 3

Total Control in One Intuitive Solution

The Environment Engine toolset consists of a Blueprint Designer, Blueprint Library and Blueprint Builder to dramatically simplify the entire design to deploy workflow. The Blueprint Designer automates creation of Blueprints that include custom host and network configurations, application packages and firewall, load balancing, and autoscale rules—all while handling upstream and downstream dependencies.

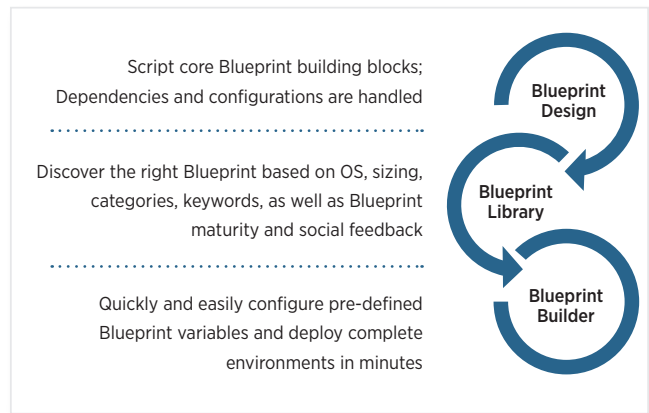
After a Blueprint is published to the internal or public Blueprint Library, advanced browse and search options such as category, OS, performance, and size of user base allow end users to easily find Blueprints for future deployment. To make discovery even easier, results are displayed according to a custom algorithm that takes into account Blueprint maturity, social feedback, and more.

Once a Blueprint is selected, transparency of estimated cost to run and resource and software requirements ensure no hidden surprises. Users are then stepped

“Tier 3 took the IT off of our shoulders, and expertly manages our technology infrastructure.”

- Glade Jones, CEO, Obeo

Complete Cloud Environment Automation Workflow



through the Blueprint Builder to configure preset variables, ensuring proper configuration to the customer specific settings.

Automatic Deployment to True Enterprise-Grade Cloud

The combination of Environment Engine’s top-to-bottom automation, a wide selection of deployment Blueprints, and Tier 3’s easy to use management control systems make environment deployments fast and simple, regardless of template size or complexity. Unlike commodity cloud providers, it’s possible to run mission-critical, production applications in the Tier 3 enterprise cloud due to industry-leading IO performance and a true 99.999% SLA. Data is secured with SAS 70 Type II audits and full HIPAA and PCI compliance, while rolling 14-day automated backups to geographically diverse datacenters ensure everything is recoverable in the case of a disaster.

How Environment Engine Can Help Your Business

Enterprise IT Departments	Software Vendors	Systems Integrators
Enable IT Self-Service, reducing operational support	Accelerate adoption and deployment of applications from days to minutes	Pursue more aggressive deals with replicable, proprietary templates
Best practices can be built into Blueprints and ensuring consistency across deployments	Accelerate time-to-money by speeding deployment, reduce operational support	Speed time to deals while increasing gross margins by automating simple, repeatable work
Leverage full support for Windows to automate the deployment of Microsoft applications	Roll out updates and patches to customers quickly and efficiently, without reconfiguring each instance	Full-stack automation yields more consistent deployments, decreasing service calls