

Envy Platform

Specification Sheet

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What is Envy?

Envy is TBGI's proprietary PeopleSoft environment management platform, built exclusively for the AWS cloud. Developed beginning in 2015 as part of the University of Arizona's PeopleSoft migration to AWS, Envy has been in continuous production since 2016 and today manages hundreds of PeopleSoft environments among TBGI's major higher education clients.

Envy forms the foundation of TBGI's entire control plane for PeopleSoft on AWS—a progressively expanding set of tools designed to standardize, stabilize, and economize PeopleSoft operations for the long term.

What Can Envy Do?

Envy is an event engine that coordinates AWS-delivered services and TBGI's custom automation components to manage every aspect of your PeopleSoft environment lifecycle.

Environment Management

- Launch a fully provisioned PeopleSoft environment in approximately 40 minutes
- Shut down an environment in approximately 15 minutes, with optional backup
- Scale resources up or down on demand—hours or minutes before a peak event, and back down immediately after

Lifecycle Operations

- Server upgrades completed in approximately 30 minutes
- Database upgrades via Amazon RDS, with zero outage for Multi-AZ instances
- Database refreshes completed in approximately 45 minutes
- Automated database backups completed in approximately 10 minutes, per your retention policy

Monitoring and Response

- Continuous monitoring via AWS CloudWatch dashboards, metrics, and alarms
- Automated alarm routing and response workflows via AWS Step Functions
- Proactive issue identification—typically before users experience any service degradation
- Self-healing capabilities that expand continuously based on operational history

Scheduling and Disaster Recovery

- All operations can be triggered manually or scheduled, one-time or recurring
- Disaster recovery via production database snapshots stored in a separate AWS account, launchable on demand

Standardize with Envy

Every Envy-managed environment is completely scripted and standardized:

- Network and VPC architecture defined by TBGI's custom CloudFormation templates
- Web and application server configurations managed via TBGI's custom Docker containers, with images stored and versioned in Amazon ECR and orchestrated by Amazon ECS
- Database layer managed by Amazon RDS
- All components—AWS-delivered and TBGI custom—coordinated by Envy's event engine

Because every environment is built from the same components and specifications, issues are easier to replicate and resolve. Standardization is the foundation of stability.

All Envy-generated environments are entirely ephemeral, including production. The only persistent artifact is your database—everything else is rebuilt from code on demand.

The Envy Control Plane

Envy Platform is not just an environment management tool—it is the foundation of a comprehensive PeopleSoft control plane on AWS. TBGI's expanding suite of tools is built on top of the Envy foundation, extending automation and intelligence across environment management, development, testing, upgrades, and user interface.

For PeopleSoft institutions on AWS, Envy represents a long-term platform investment—not a point solution.

Credentials

- AWS Advanced Tier Services Partner
- AWS MSP Competency
- AWS Education Competency
- PeopleSoft on AWS since 2015—in production since 2016
- Co-author: Automating PeopleSoft Environments in the AWS Cloud—available at tbginc.com
- Active clients: University of Arizona, Washington State University, Washington State Board for Community and Technical Colleges, Boise State University

How to Engage

Envy Managed Services—TBGI manages your PeopleSoft environments on AWS end-to-end. Migration included at the standard monthly managed services fee — no separate migration charge.

Envy Subscription—Your team manages your PeopleSoft environments using the Envy platform on a monthly subscription basis. Available on AWS Marketplace.

Both delivery models require an initial migration into TBGI's standard AWS architecture. Average migration timeline: six months.

Schedule a demo: tbginc.com/schedule-a-demo • AWS Marketplace: Envy Platform listing

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