



## This statement ships 12 AWS environments, their public Terraform, and the AWS bill that runs them.

Sign in to a permitting system with the credentials printed on its sign-in page and decide a case. Run capped Athena SQL against 3.1 million Colorado business registrations. Upload a PDF and watch Textract, Comprehend, and Bedrock work it. Read the portfolio's month-to-date AWS bill straight from Cost Explorer. All four sit at [demos.planetek.org](https://demos.planetek.org), and the Terraform behind them is public on GitHub.

### 01 CORE COMPETENCIES

#### SERVERLESS CASE MANAGEMENT

Three-tier serverless permitting app, Cognito separating admin, user, and guest, carrying an application from submitted through review to a recorded decision.

#### VERSIONED API INTEGRATION

Live v1 and v2 endpoints send real deprecation headers, validate at the gateway, and queue long exports to SQS behind a 202.

#### NIST 800-53 CONTROL EVIDENCE

AWS Config runs the NIST 800-53 rev 5 conformance pack beside CloudTrail, KMS, GuardDuty, and Security Hub, producing a findings-to-evidence report that persists.

#### ZERO TRUST SEGMENTATION

Multi-AZ VPC with tiered subnets, NACLs, gateway endpoints in place of NAT, and PrivateLink. Reachability Analyzer and live probes publish the segmentation result.

#### CVE REMEDIATION AT SCALE

Tanium patching across a 15,000 VM estate held 95% coverage of Critical and Important patches, tracked on a real-time compliance dashboard.

#### ANALYTICS AND APPLIED AI

S3 raw, curated, and Iceberg zones hold 3.1 million Colorado business registrations open to capped Athena SQL, beside cited RAG and Textract pipelines that price every answer.

### 03 WHY PLANETEK

▶ **REGISTERED AND READY TO PLACE** A Small Disadvantaged Business, SAM.gov active, with identifiers and NAICS codes printed on this page for immediate placement.

▶ **DENVER FEDERAL CLUSTER** On-site work at VA Eastern Colorado or Denver civilian agencies carries no travel or per diem line, and design walkthroughs happen in person rather than over video.

### 02 PERFORMANCE RECORD

#### OBSERVABILITY COST RECOVERY

>\$70K

RECOVERED MONTHLY SPEND

A code change inflated Datadog indexing and ingestion across a 15,000 VM estate, with the affected logs owned by several management chains. Trevor Lewis traced the change, wrote code enumerating every affected indexed and ingested log, built the remediation plan, and drove it through each chain.

#### TWO-WAVE PATCH CYCLE DESIGN

90%

FEWER CRITICAL LAB FINDINGS

Built in Tanium for the team overseeing lab security. Non-critical patches ship first and critical patches follow a week later, so a bad rollout surfaces on low-risk systems inside that week and never reaches a critical patch path.

#### DORMANT SYSTEM DECOMMISSIONING

\$250K

RECOVERED ANNUAL RUN RATE

Inside the same program, Trevor Lewis identified over 1,000 systems idle for more than 2 years, then decommissioned them with the infrastructure supporting them. The recovered spend is annual and recurring, not a one-time write-off.

#### ON DELIVERY CAPACITY, STATED PLAINLY

Planetek is Trevor Lewis, one engineer. The review a second engineer would give is automated instead: Checkov and Trivy gate every commit, deploys run keyless through GitHub Actions OIDC, and every site carries its own verify suite, 52 checks on [planetek.org](https://planetek.org) alone. Planetek keeps few concurrent engagements and writes committed hours into each proposal, with a named subcontractor for surge scope.

#### NAICS CODES

541511

Custom Computer Programming Services

541512

Computer Systems Design Services

541519

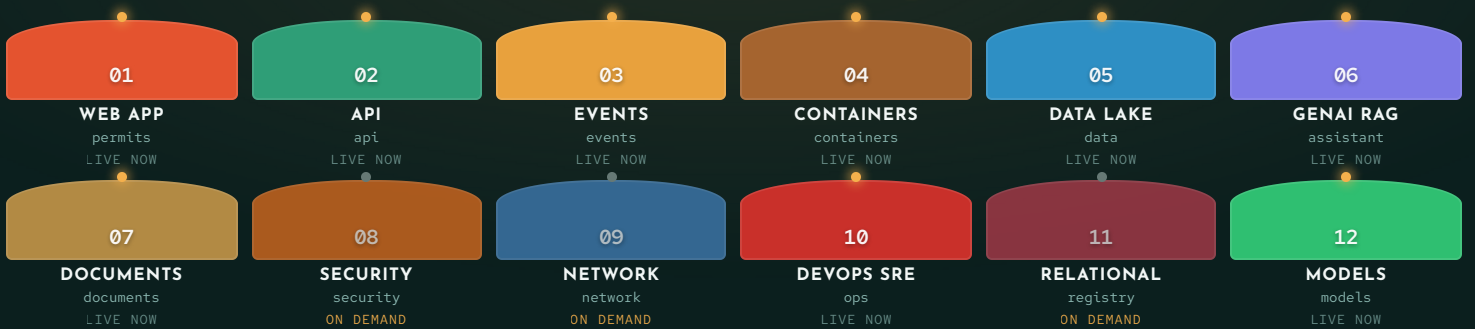
Other Computer Related Services

541611

Administrative & General Management Consulting

All 12 sit at their own subdomain of demos.planetek.org, verified reachable on 2026-08-03, with the Terraform behind them public on GitHub. The three marked on demand keep their evidence pages up and deploy their billing backends for a walkthrough, which is what holds the estate under \$15 a month.

## THE TWELVE ENVIRONMENTS



### 04 TRY IT RIGHT NOW

- 1 Sign in as the Staff admin demo account, credentials are printed on the sign-in page, and take a permit from submitted to decided.  
[permits.demos.planetek.org](https://permits.demos.planetek.org)
- 2 Press a button and watch a real Docker container launch on ECS Fargate, with streaming logs, a cold-start waterfall, and an itemized cost ticket.  
[containers.demos.planetek.org](https://containers.demos.planetek.org)
- 3 Run your own capped Athena SQL against 3.1 million Colorado business registrations and check the partition-pruning statistics for the query.  
[data.demos.planetek.org](https://data.demos.planetek.org)
- 4 Open the portfolio's month-to-date AWS bill, service by service, pulled live from Cost Explorer with no sign-in.  
[ops.demos.planetek.org](https://ops.demos.planetek.org)

### 06 THE PRINCIPAL



#### TREVOR LEWIS

FOUNDER AND PRINCIPAL, PLANETEK LLC

15+ years running infrastructure at enterprise scale, including a 15,000 VM multi-cloud estate held at 99.999% uptime and a Tanium CVE program covering it. He teaches Computer Information Systems at the Community College of Aurora and collaborated with the Colorado Community College System on coursework now used across 13 colleges, which is why he can brief a technical review board and a non-technical steering committee on the same afternoon.

#### EDUCATION AND CERTIFICATION

- ◆ M.S. Computer Information Systems, CSU
- ◆ B.S. Physics, Colorado State University
- ◆ Grad. Certificate, Cybersecurity, CSU
- ◆ Grad. Certificate, IT Project Mgmt, CSU
- ◆ AWS Certified Cloud Practitioner
- ◆ CompTIA Security+
- ◆ CompTIA Network+
- ◆ Professor of CIS, Comm. College of Aurora

#### READ THE SOURCE

[github.com/dreamingr0b0ts/aws-boardwalk](https://github.com/dreamingr0b0ts/aws-boardwalk)

One public monorepo holding every environment's Terraform, the CI workflows that deploy it, and the verify suites that check it.

### 05 HOW IT IS BUILT

- **100% infrastructure as code.** Terraform with remote state, one root per environment, tagged resources throughout.
- **Keyless CI/CD.** GitHub Actions authenticates to AWS through OIDC. No stored access keys exist anywhere in the pipeline.
- **Scanned and gated.** Checkov on the IaC and Trivy on images, with plan and apply gates before anything reaches an account.
- **NIST 800-53 rev 5** conformance pack in AWS Config, alongside CloudTrail, GuardDuty, Security Hub, KMS, and least privilege IAM.
- **Zero Trust network design.** Private subnets with no NAT gateway, VPC endpoints, PrivateLink, and one shared WAF web ACL fronting every distribution and API.
- **Cost enforced in code.** Scale-to-zero compute, per-IP and global daily request caps in DynamoDB, API throttling, and budget tripwires.

#### WHAT THE WHOLE PORTFOLIO COSTS TO RUN

**\$12.23** July 2026

Metered AWS usage across all twelve environments plus the demo hub and the company site, for the month. **Net out of pocket was \$0 after free tier credits.** The figure comes from Cost Explorer and is published on the DevOps plank, so it can be checked rather than believed.

#### SCAN TO OPEN THE BOARDWALK



One page, twelve doors, every environment linked. This is the standing work sample behind any Planetek proposal.

[demos.planetek.org](https://demos.planetek.org)

Demonstration environments use fictional entities and synthetic records, except the data lake, which uses published Colorado open data. Nothing shown is affiliated with any government agency. Enterprise figures reflect work led by the principal in prior and current roles.

## OPEN THE ENVIRONMENTS, THEN LET'S TALK

Book a 30 minute consultation directly at [planetek.org/schedule](https://planetek.org/schedule)

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