BRAVO

Co-Managed Public Key Infrastructure (PKI)

SERVICE LIFECYCLE

What to expect during your Managed PKI Service journey:

- Day 1 - From day one, our onboarding process begins monitoring and documenting your PKI environment. This includes identifying Certificate Authorities, Registration Authorities, HSMs (if applicable), and certificate issuance processes to establish full visibility.
- Day 30 - At the 30-day mark, we perform a detailed assessment of your PKI environment, aligning it with industry best practices and business needs. Gaps, risks, and improvement areas are identified and prioritized for action.
- Day 60 - Remediate & Optimize: Based on assessment findings, we address key issues, harden security, and optimize certificate lifecycle management. Enrollment, renewal, and automation processes are also refined.
- Day 90+ - Manage: With PKI stabilized and optimized, ongoing management begins—covering monitoring, lifecycle operations, reporting, as well as routine tasks like renewals, revocations, and audit support.

Benefits

- Internal CA/PKI management.
- Certificate issuance and renewal automation.
- Integration with ISE and identity systems.
- Compliance-ready auditing and policy enforcement.

COMPANY INFORMATION

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OVERVIEW

Bravo's Co-Managed Public Key Infrastructure (PKI) service is designed to support customers at any stage of their digital identity journey. Whether you're building a PKI from the ground up, maintaining a mature environment, or navigating challenges with an inherited system, Bravo will partner with you to stabilize, secure, and streamline your PKI operations.

SERVICE COMPONENTS

We provide comprehensive support for Public Key Infrastructure (PKI), broken into several key components outlined below:

- **Monitoring Services:**
  - Bravo delivers continuous monitoring of PKI components including Certificate Authorities, Registration Authorities, Hardware Security Modules (HSMs), and certificate issuance activity. This includes alerting on expiring certificates, service outages, and key usage anomalies.
- **System Lifecycle Management:**
  - We ensure root and intermediate certificates are managed properly and expiration timelines are tracked and mitigated.
  - Backup and recovery strategies are maintained to protect critical services
- **Policy and Template Management:**
  - Bravo helps create, maintain, and optimize certificate templates, issuance policies, and role-based access controls.
  - We ensure your PKI policies align with business requirements and security best practices.
- **Integration Support:**
  - We assist with the integration of PKI services across your environment—supporting certificate enrollment automation for endpoints, network devices, web services, and third-party platforms.
- **Service Management:**
  - Bravo provides monthly operational reviews focused on security, compliance, and upcoming lifecycle events. Our consultants are available to help plan future improvements and ensure your PKI continues to support your organizational needs.

SERVICE DELIVERY

When you engage with Bravo, you'll be working with a team of knowledgeable security professionals that helped establish the industry best practices for ISE and Network Access Control. The team leverage's a scalable model that has been used successfully in hundreds of enterprise Cisco ISE deployments over the past decade. The expertise we've gained working with Fortune 100 companies is now available to customers of all sizes through our Co-Managed service.