



The Challenge: Manual Reports, Disparate Data Formats

Our client was seeking to improve efficiency and data quality, and partnered with Beringer Technology Group to modernize its fragmented data collection and reporting processes.

The agency relied on inefficient, manual workflows. Dozens of mandatory reports—covering juvenile justice, sexual assault referrals, and underage alcohol incidents—were submitted by local agencies in disparate formats (Excel, PDF, outdated web forms). This approach made statewide aggregation impossible. Staff spent time excessively chasing late submissions and manually merging data, leading to delayed insights and inconsistent data quality.

CASE STUDY

Improving reporting processes through a secure, user-friendly interface.

CLIENT

State Public Safety Agency
for statewide law enforcement
of reporting mandates

PARTNER

Beringer Technology Group
(Microsoft Solutions Partner)

THE SOLUTION

Centralized, automated
and unified reporting portal.

Solution

Beringer developed a centralized **Law Enforcement Officer (LEO) Portal**, a secure web application built on **Microsoft Power Platform**. Leveraging **Dynamics 365 Dataverse** and **Power Pages**, the solution provides a unified, user-friendly interface.

Authorized personnel now log in via the state's **Single Sign-On (SSO)** to submit reports through guided digital forms, review past submissions, and update agency profiles in real-time. The rollout was managed in two phases to prioritize high-impact forms and ensure smooth user adoption through dedicated training and "hyper-care" support.

Technical Details

Architecture & Security:

Deployed in the Microsoft Azure Government Cloud, the solution meets strict federal CJIS standards. Dataverse provides a robust data model with granular Role-Based Access Control (RBAC): municipal users access only their own data, county users oversee their jurisdiction, and state officials view statewide trends.

Automation:

Power Automate and custom Azure Functions eliminate manual tasks. The system automatically generates and emails submission PDFs to oversight offices and sends automated reminders to non-compliant agencies.

Complex Processing:

For the bi-annual SA/CSC report, an Azure Function instantly aggregates hundreds of data points upon submission, providing the user with an immediate summary PDF—replacing weeks of manual analyst spreadsheet work.

Governance:

Every action is logged for accountability. Following rigorous User Acceptance Testing (UAT), the project transitioned to steady-state maintenance for ongoing enhancements.

Benefits & Outcomes

Unified Efficiency:

Standardized workflows and automated reminders save local agencies and state staff weeks of administrative labor.

Data Integrity:

Digital validation and auto-filled fields ensure accuracy, while centralized storage enables real-time trend detection and advanced analytics.

Enhanced Compliance:

Real-time tracking and automated prompts significantly boost on-time submissions and management oversight.

Secure Governance:

SSO integration and CJIS-compliant cloud storage ensure transparent data governance and role-appropriate access.

Future-Ready:

The scalable Power Platform architecture allows for rapid configuration of new reporting needs and future mobile or analytical integrations.

