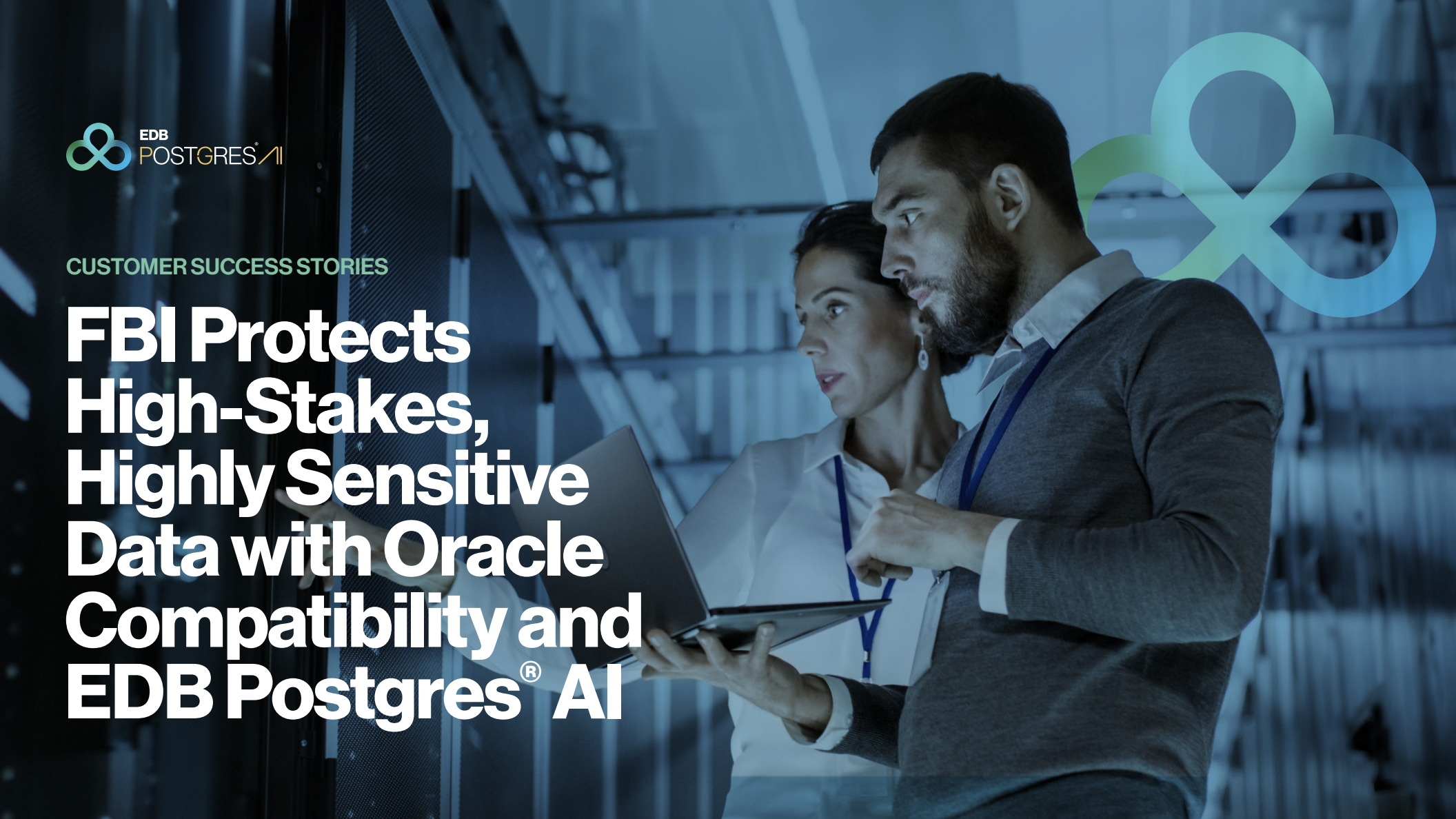
EDB POSTGRES AI

CUSTOMER SUCCESS STORIES

FBI Protects High-Stakes, Highly Sensitive Data with Oracle Compatibility and EDB Postgres® AI



CUSTOMER:
FBI

CHALLENGE: Migrating from Oracle to Postgres while protecting some of the government's most sensitive data.

EDB SOLUTIONS: EDB Postgres Advanced Server

RESULTS: With EDB, the migration process was easy and cost-effective, critical data remains secure and protected, and the FBI has the flexibility to evolve alongside new technologies.

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OVERVIEW

How EDB's Postgres Advanced Server helps FBI leadership to protect some of the government's most sensitive data

The Federal Bureau of Investigation (FBI) is the primary law enforcement agency in the United States and a major part of our nation's security and intelligence infrastructure. Agents investigate a wide range of serious threats, including terrorism, cyber attacks, and organized crime, and as part of their work, they must collect, analyze, and protect high-stakes, highly sensitive data.

Of course, this necessitates a robust cybersecurity program. Safeguarding national security and maintaining the confidence of the American people depends on it.

However, because the FBI is funded with taxpayer money, every expenditure must be essential — and approved. This requires FBI leadership to carefully balance the need for security measures with other equally pressing priorities.

Why Cutting Edge Technology Is a Necessity for the FBI

Unfortunately, malicious cyber activity isn't going away. Especially amid this period of geopolitical unrest, about 97% of organizations across industries have faced a surge in threats, according to a recent report. The government is no exception. In fiscal year 2022 alone, there were more than 30,000 cyber security incidents reported by federal agencies.

To combat these growing threats, the FBI has asked for an increased investment in their cybersecurity technologies. Hardening their networks, access controls, and system security is a top priority. Another important step: migrating key applications, including those for case management and background checks, away from their cumbersome Oracle infrastructure and into AWS cloud. In doing so, the agency would gain more control over their data management and infrastructure and be able to create more tailored security measures. Oracle's constraints would no longer be an obstacle.

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About EDB Postgres AI

EDB Postgres AI is the first open, enterprise-grade sovereign data and AI platform, with a secure, compliant, and fully scalable environment, on premises and across clouds. Supported by a global partner network, EDB Postgres AI unifies transactional, analytical, and AI workloads, enabling organizations to operationalize their data and LLMs where, when, and how they need it.
For more information, visit www.enterprisedb.com.

How Sky-High Fees Stalled the FBI's Modernization Efforts — Until EDB Came to the Rescue

Unfortunately, Oracle's exorbitant and rigid licensing fees promised to make the migration process prohibitively expensive. Even worse, not only was the FBI unable to move their data, but their database costs going forward also promised to be sky-high.

Luckily, after researching migration alternatives, FBI leadership found EDB. EDB's Postgres Advanced Server is the robust solution that made the migration of mission-critical applications and existing infrastructure into Postgres and AWS easy and cost-effective, with minimal disruption and no data loss. The FBI's critical data stayed secure, and today, the organization remains protected against possible threats or disruptions. In addition, by reducing vendor lock-in, the FBI has mitigated risks associated with that dependency, and has found the flexibility to evolve alongside new technology.

The FBI is working with a database solution more suited to their needs and innovation goals, without being bogged down by inflexible software or frustrating licensing costs. And because of EDB's native Oracle compatibility, Postgres looks and feels just like Oracle, so there was no need to recode applications.

FBI leadership trusted in EDB's Postgres Advanced Server to protect some of the government's most sensitive data. What could EDB do for you?