

SmartDIH

Unlock the power of real-time data for modern applications

Organizations rely on their IBM Power infrastructure to run critical workloads and benefit from value in terms of operational stability, computing performance, and continuity. However, modern app teams typically don't have the skills, or data intimacy needed to develop APIs directly over backend systems.

SmartDIH deployed over IBM Power® bridges the data gap between modern developers and backend systems. SmartDIH unlocks data in real-time from legacy systems. It gives development teams the tools to build data APIs autonomously in a modern environment and accelerate development and delivery of new modern apps.

Propelling AI-driven and Data-centric Apps with GigaSpaces SmartDIH

SmartDIH is an operational data hub that creates a modern data environment over IBM Power systems, enabling app teams to develop data APIs for modern apps without being dependent on legacy environments.

Smart DIH allows organizations to consolidate diverse enterprise data – no matter where it originates or resides – on Power. It creates a unified highly performant data layer that exposes data APIs in real-time to modern digital apps.

The combination of Power systems' superior computing capabilities and SmartDIH's highly performant in-memory expertise ensure ultra-fast access to consolidated data from multiple systems including Oracle, DB2, SAP, MSSQL, MYSQL, MongoDB and more.

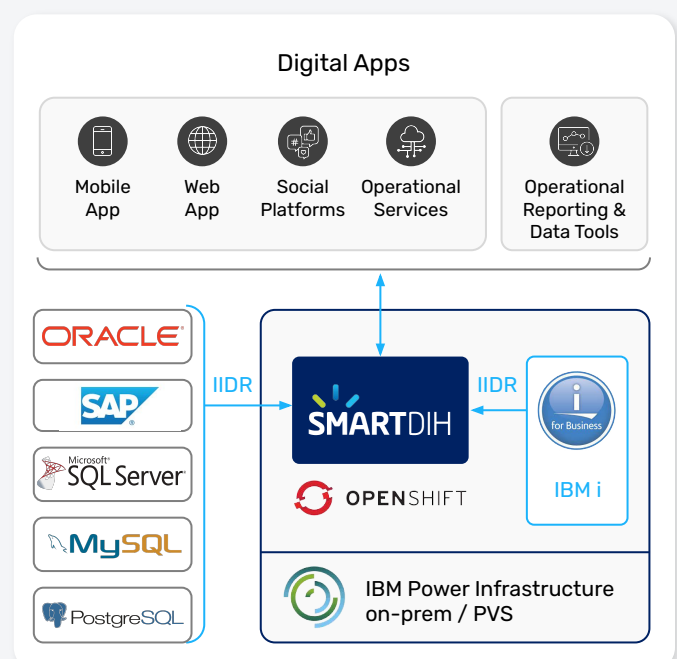
With SmartDIH, IT professionals can develop and deliver data APIs in hours, without having to rely on the expertise or availability of backend teams.

SmartDIH isolates and protects underlying systems from excessive data requests, allowing organizations to develop modern digital services incrementally, with no disruption to their core systems.

The platform can fit into any enterprise IT environment and can be implemented on-premises, in the cloud or on IBM PVS.

Unlock legacy data to modern developers

- Unlocks data in legacy systems to modern developers
- Consolidates data in real-time
- Exposes data in legacy systems via microservices



SmartDIH and Power Systems: The Path to an AI and Data-centric Digital Enterprise

IBM Power and SmartDIH provide Power shops with a launch pad to develop modern data-centric and AI-driven apps in hybrid and cloud-native environments – in a modern environment, over legacy data.

By delivering real-time data APIs to modern digital apps and driving AI initiatives with consolidated real-time data, Power customers are well set to stay ahead of the digital curve.



Make the Digital Leap Forward!



Data 360

Access to unified customer data consolidated from multiple enterprise systems gives customer service reps instantaneous access to full customer engagement history, enabling superior customer service and effective upsell opportunities.



Enterprise AI

Real-time data from multiple sources can complement data lakes with natural language or SQL queries and facilitate inferencing over Power.



Hybrid Cloud App Modernization

Develop modern apps at scale driven by real-time data from multiple diverse systems that reside on-prem or in the cloud.

About GigaSpaces

GigaSpaces is a global pioneer in in-memory computing, building one of the market's first Digital Integration Hubs – an out-of-the-box solution that simplifies organizations' digital transformation, enabling them to develop and launch digital services at a rapid pace.

The company's flagship product is Smart DIH – an operational data hub that powers real-time modern applications. It unleashes the power of customers' data by transforming data silos into assets, turning organizations into digital-first, data-driven enterprises.

Residing at the intersection of data and application integration, Smart DIH consolidates data from multiple heterogeneous systems into a highly performant data layer. Low code tools empower data professionals to deliver data microservices in hours, rather than days, shortening developing cycles and ensuring data consistency across all digital channels.

With Smart DIH, organizations provide their customers and internal stakeholders with always-on services based on fresh data.

Smart DIH is part of the GigaSpaces Smart suite of products, alongside the award-winning Smart Cache solution.

GigaSpaces offices are located in the US, Europe, and Israel, serving customers such as American Airlines, Morgan Stanley, Bank of America, CSX, Goldman Sachs, Société Générale, Credit Agricole, Avanza Bank, Avaya, CLSA, and UBS.

GigaSpaces is an IBM Gold Partner and has business partnerships with Boomi and Capgemini.