



Turning California's Data Strategy Into Action

Build a Solid Data Management Foundation to
Meet Your Unique Department Requirements

Understanding the California Data Strategy

The California data strategy is conceptually simple. Its three goals are clear:

- Streamline data access
- Improve data management and governance
- Spur data use and ability

Let's take a look at these goals and the data management capabilities you need to meet them.

Streamline Data Access

For most agencies, access to data is challenging—whether it is shared within or across departments. Understanding the complete picture and enabling interagency data exchange means that you need access to comprehensive, integrated data, regardless of its source or format. Access can be compromised by technology barriers, legacy systems, or a lack of shared data infrastructure.

Informatica® provides the following essential capabilities you need to enable authoritative data management and to create a shared, well-governed data access infrastructure:

- **Data privacy and protection:** Your data needs to be protected wherever it lives, and this process starts with data governance. Clearly define and detect exactly where your sensitive data resides and implement intelligent data protection and monitoring strategies to safeguard it
- **Data integration:** Connect, transform, and integrate any data, anywhere for data science, advanced analytics, artificial intelligence (AI), and machine learning. Simplify integration and ingestion by leveraging multi-cloud support, broad connectivity with 3,000+ connectors, and zero overhead serverless deployment.
- **Data discovery and cataloging:** An AI-powered data catalog provides a machine-learning-based discovery engine to scan and catalog data assets across the enterprise—across cloud and on-premises, and big data anywhere.
- **Data cleansing:** Take a holistic approach to managing data quality to quickly identify, fix, and monitor data quality problems in your business applications—transforming your data quality processes into a collaborative effort between business users and IT.



"We are now one step closer to establishing a comprehensive homelessness data system to capture local information, better understand the services being provided to individuals experiencing homelessness and measure our progress."

— Lourdes Castro Ramírez, California Business, Consumer Services and Housing Agency Secretary

Improve Ethical Data Governance and Management

In too many public sector organizations, departments have no unified standards or rules for data security and safety. You must create standard, integrated, and comprehensive data that is secure, legal, and private, protecting the citizens and constituents to whom it belongs.

Informatica provides essential capabilities that help you operationalize data governance at enterprise scale:

- A **data governance framework** begins by defining policies, processes, and stakeholders. The definition process documents data definitions and context associated with business terminology, taxonomies, relationships, policies, rules, standards, processes, and measurement strategy.
- The **discover stage** captures an organization's existing data lifecycle, technical capabilities, and the state of its data. Insights uncovered define the data governance strategy, priorities, business case, policies, standards, architecture and vision. The define and discover processes iterate as discovery drives definition, and definition drives more targeted discovery.
- The **execute stage** operationalizes and ensures compliance with data governance policies, business rules, stewardship processes, workflows and cross-functional roles and responsibilities. AI and machine learning build upon common enterprise metadata to automate data governance. Cross-team collaboration and automated tools ensure data governance programs scale across the business and support every use case.
- The **measure and monitor stage** captures and measures the effectiveness and value data governance generates. It also monitors compliance and exceptions defined by policies and rules, enabling transparency and auditability.

Spur Data Use and Ability

To ensure that departments get the most value from their data, it's important to create organizational roles and structure that encourage broader, deeper data use. Departments need not only data literacy and skills throughout the organization but also standards for using data, evaluating programs and policies, and sharing data.

Informatica provides the following essential capabilities you need to catalyze data use and data management abilities:

- Defining who is accountable for cross-functional data-related decisions, processes, and controls
- Defining who is accountable for stewardship activities that are the responsibilities of individual contributors and groups of data stewards
- Defining accountabilities in a manner that introduces checks and balances between business and technology teams, and between those who create or collect information, those who manage it, those who use it, and those who introduce standards and compliance requirements



Informatica: Data Management Solutions for California Departments

Every department faces different data challenges. Meeting the goals of California's data management policy requires the right products and services. For more information on choosing the right data management solutions for your department, visit www.informatica.com/public-sector.



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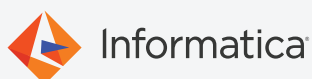
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