

Workforce Dimensions

Kronos D5: The Power Behind the Workforce Dimensions Suite

Where groundbreaking technology meets simplicity and efficiency

It's been said that architecture is destiny. Want proof? Ask any IT executives about their experience with enterprise applications built for on-premise deployment and later retrofitted for SaaS. They'll tell you why legacy applications are simply incapable of delivering on the promise of modern cloud computing.



- » **Closed platforms** make extension impossible and system integration complex, costly, and fragile
- » **Traditional architectures** preclude the use of data-intensive AI technologies
- » **Batch processing** prevents delivery of KPIs and other business-critical calculations in real time
- » **Poor application integration** restricts system workflow, frustrates users, and degrades adoption
- » **Limited data access** complicates reporting and analysis, requiring costly custom effort

Legacy software simply can't keep up with the pace of innovation — or the speed of modern business. Because it was never designed to do so.

From the initial design of the Workforce Dimensions™ product suite, it was clear that traditional platform architectures would be insufficient to power its advanced capabilities. **So we built one: the Kronos D5™ platform.**

As the foundation of our future-ready Workforce Dimensions solution, the intelligent Kronos D5 platform lets you work in a modern cloud that leverages new technologies and works seamlessly with your existing systems.

Kronos D5: The power behind the Workforce Dimensions suite

Kronos D5 delivers such industry breakthroughs as:



A robust API framework that provides extensibility and simplifies integration with other systems. Kronos D5 allows access to all system resources through REST APIs, which are managed through a gateway that monitors individual API performance and SLA. And leveraging industry-leading Dell Boomi integration tools, dozens of prebuilt connectors are provided for common use cases such as people, payroll, and accruals.



Artificial intelligence that drives smart, predictive solutions by learning from operational data and manager decisions. Kronos D5 powers advanced k-means clustering algorithms that can identify compliance risks in real time, and market-leading machine-learning applications that dramatically improve forecast accuracy.



Blazing fast in-memory cloud computing that efficiently delivers time calculation, reporting, and instant computation of KPIs and analytics — all at massive scale. The Kronos D5 cluster computing framework is designed for data-intensive processes such as AI and machine learning — and to handle massive amounts of data in seconds to give you immediate insight into critical cost, compliance, and productivity metrics.



A flexible domain model based on decades of workforce management experience that provides flexibility and consistency across the suite. The Kronos D5 reimagined domain model allows all objects and their relationships to be shared across the suite — from timecards to schedules, leave cases, and more — consistently delivering all workforce data in context and with deep application integration that lets you solve even the most complex business problems from anywhere in the application.



A unified information architecture that gives you complete data access for on-demand reporting and analysis with no need for special technical expertise. Kronos D5 simplifies access for business analysts by aggregating domain and analytical data into a single visualization framework with metadata abstraction, providing unprecedented fluency and Excel-like usability.

In addition, Kronos D5 powers Workforce Dimensions in the Google public cloud, leveraging Google's substantial investments in global infrastructure, security, and ongoing innovation.

Put Workforce Dimensions to work for you:

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Workforce Innovation
That Works™

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