



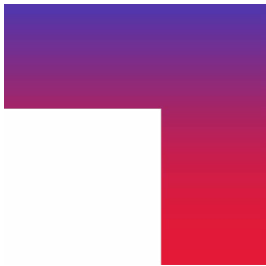
Momentum 8.0

Positioning federal agencies
for the future



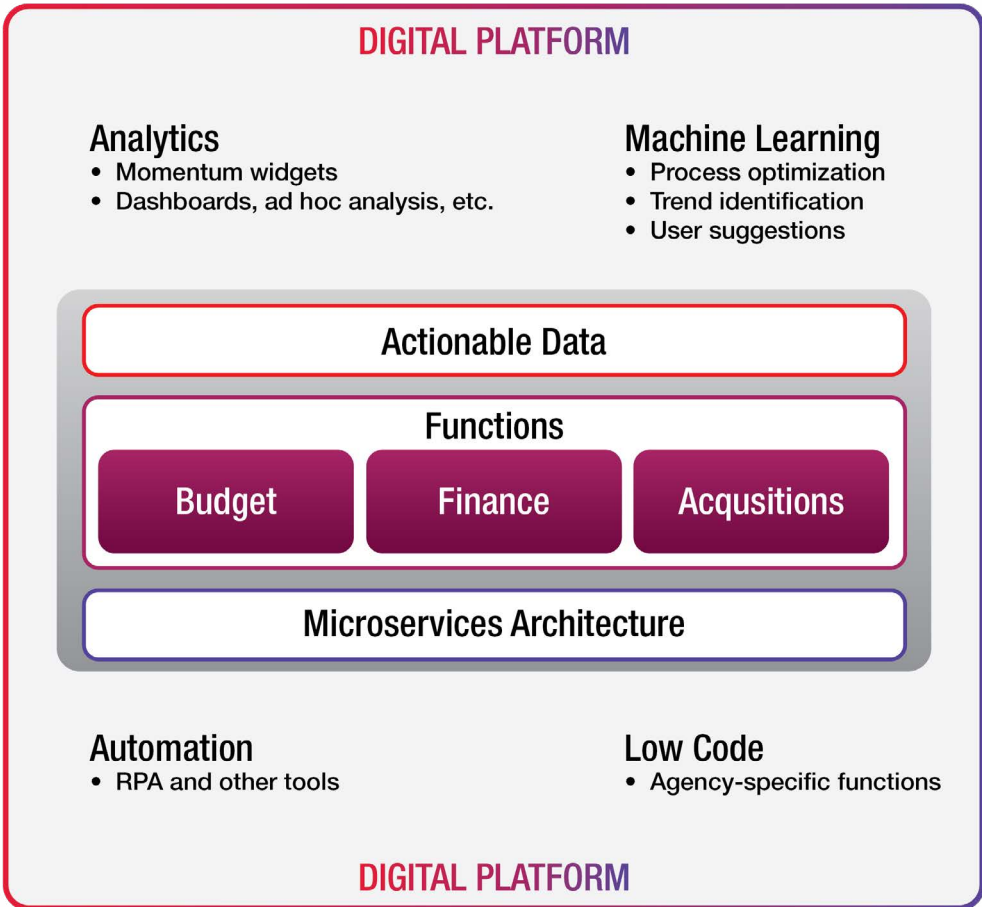
With its modern, forward-looking technology, Momentum 8.0 delivers market-leading federal financials, budget and acquisitions functionality while positioning agencies for the future. The Momentum 8.0 architecture provides cutting-edge technical capabilities that deliver benefits for agencies and end users alike. This modern architecture also enables a back office digital platform for analytics, automation, artificial intelligence and low-code development that can drive efficiencies, increase user adoption and enable a data-driven enterprise.

Enabling the back office digital platform



The modern enterprise requires modular back office functionality that can adapt quickly to new requirements, provide new data-driven insights and meet ever-changing user expectations.

Such back office components form a digital platform that enables digital optimization capabilities including analytics, automation, AI and low-code extensions. Momentum 8.0 provides the foundation for such a digital platform.



Momentum 8.0 key benefits

Embedded data visualization and analytics

Momentum 8.0 includes a data store for actionable data. This near-real time data is optimized for analytics both within the Momentum application and as part of an agency's back office digital platform. The data may be used on its own or combined with other back-office or programmatic data available to the digital platform for dashboards, predictive and ad hoc analysis, and other uses. Within the Momentum application, the 8.0 release introduces out-of-the-box (OOTB) analytics

widgets for Status of Funds, Unliquidated Obligations and Trial Balance. These widgets are fully interactive, allowing the user to filter results, change chart views and drill down to transactional data. They also are backed by the Momentum security model. Additional OOTB data sets and widgets will be available in future releases, but agencies are not limited to the OOTB functionality. Using the actionable data, agencies can create custom analytics widgets to meet their needs.



Momentum 8.0 interactive Status of Funds analytics widget

Advancements in streamlined and intuitive user interface and improved system capabilities

Momentum 8.0 empowers innovation. With services organized around business capabilities, the microservices architecture facilitates the interaction of Momentum functionality with other tools in the agency back office platform. For example, AI tools can assist users with processes in Momentum and leverage Momentum data to generate business documents like statements of work.

The 8.0 architecture also enables the creation of a user experience tailored to the needs of specific user groups. One example where this is already being done is to provide a highly tailored and simplified user interface for workers in the field that only access Momentum to record purchase card transactions. This new interface provides the targeted user group with a simple, easy to follow process based on the specific task they need to perform.

Improved system performance through increased flexibility, scalability and automation

Momentum 8.0's advanced SecDevOps automation enables the rapid deployment of new functionality and patches, allowing innovation to be delivered more rapidly in the cloud and on-prem. Momentum 8.0 supports auto-healing and auto-scaling, reducing administrative cost and time demands. Momentum 8.0's Configuration as Code implementation also facilitates standardization of environment configuration, making environment management more efficient and eliminating issues caused by technical configuration differences.

Aligns with federal focus on maximizing cloud benefits and move to open source technologies

As seen in the [Biden-Harris Management Agenda Vision](#), and several other sources through the years, the federal government is being encouraged to migrate IT operations to the cloud. Momentum is architected to operate in the cloud while being cloud agnostic. Momentum can be used in public, private and hybrid clouds, and can be used with any cloud provider. Momentum [has been authorized](#) for Federal Risk and Authorization Management Program (FedRAMP) by the Joint Authorization Board (JAB). Momentum 8.0 architecture optimizes cloud operations for agencies.

Momentum 8.0 also leverages open source technologies to eliminate third party lock-in. This provides flexibility, enabling agencies to develop the most cost-effective IT ecosystems without fear of being unable to change if conditions warrant a shift.



Key components of the Momentum 8.0 architecture



Microservices that provide the building blocks for innovation



Containerization for easier deployment in the cloud or on-prem



Actionable data sets for embedded and external analytics



Use of open source technologies to reduce third party lock-in

180+

Federal organizations trust CGI's Momentum

40+ years

Serving the federal government

7,000

Federal focused professionals

1,000+

Members Momentum User Group

For more information on Momentum 8.0, contact us at momentum.support@cgifederal.com



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