

Connect, Secure, Accelerate

Workday solutions for interoperability in manufacturing.



As AI and IT innovations explode, the complexity of your interconnected systems threatens operational speed. For the manufacturing CIO, mastering this complexity requires a shift from managing individual technologies to orchestrating a unified platform. Workday is that platform.

Get the full interoperability guide.

To learn much more and gain a workable playbook for interoperability, read our full guide, [“Interoperability in Manufacturing.”](#)



Core principles of Workday interoperability for manufacturing.

A unified data core: At the heart of the Workday strategy is a unified data model for HR, finance, and operational data. This “single source of truth” eliminates data silos, reduces inconsistencies, and provides a comprehensive view of the business, which is crucial for agile decision-making in a dynamic manufacturing environment.

An open and extensible platform: Workday is built on an open, API-first architecture. This allows for flexible and robust integrations with a wide array of third-party systems, including the critical Manufacturing Execution Systems (MES), Enterprise Resource Planning (ERP) systems, and other specialized applications commonly found in the manufacturing industry.

Embedded integration tools: Workday provides a suite of built-in integration tools, known as the Workday Integration Cloud. This Platform as a Service (PaaS) empowers users of varying technical abilities to build, deploy, and manage integrations without the need for separate, costly middleware.

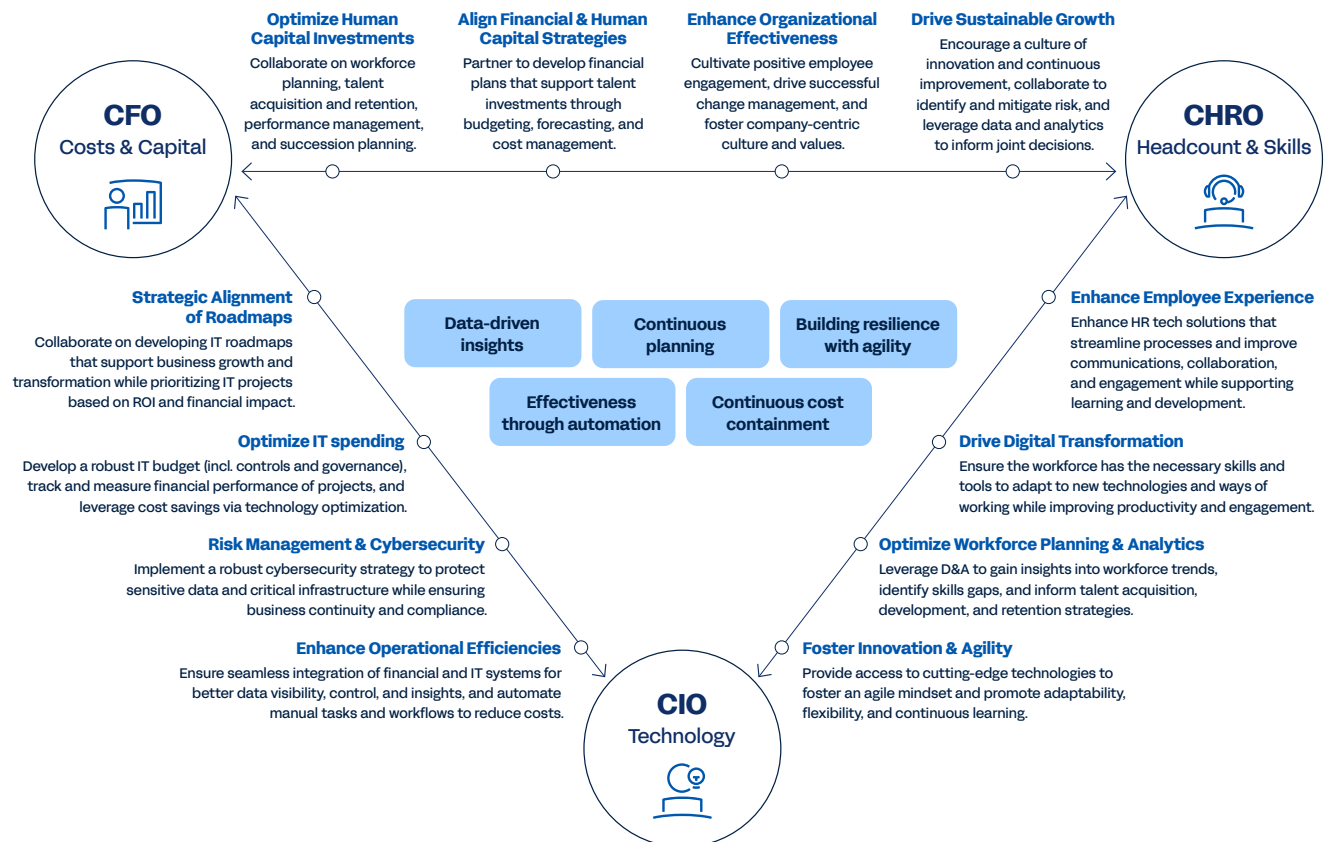
A focus on the business user: A key tenet of the Workday philosophy is to empower business users to manage and execute processes that cross system boundaries. This reduces the reliance on IT for every integration need, accelerating innovation and responsiveness.

Security and compliance at the core: Interoperability is underpinned by a robust security framework that ensures data integrity and governance across all connected systems. This is of paramount importance in the manufacturing sector, where sensitive intellectual property and operational data must be protected.

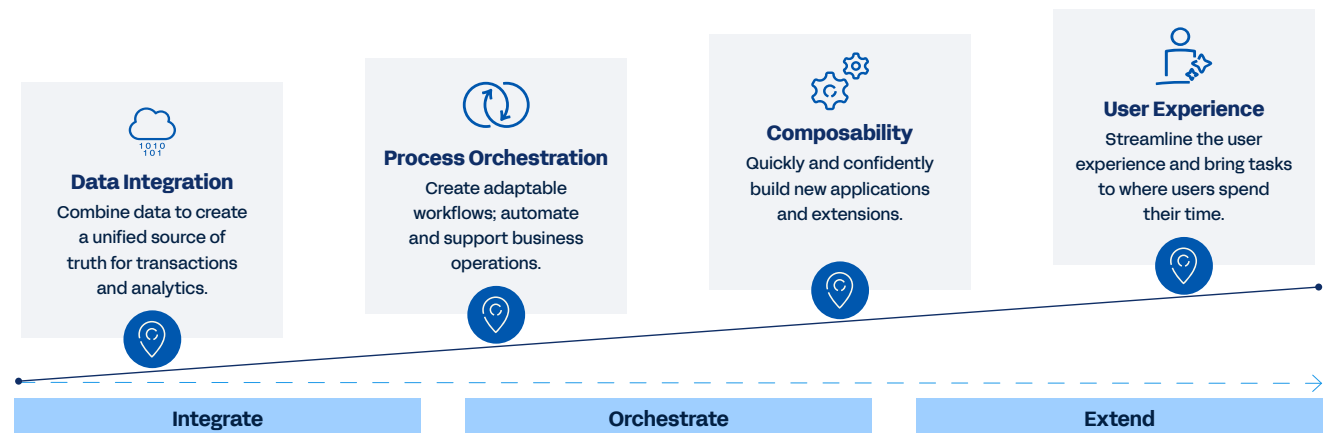
Varieties of interoperability built into the Workday platform.

- Data interoperability
- AI solution and agent interoperability
- Process interoperability
- Business logic/composition interoperability
- User-experience interoperability

Unlocking the benefits of cross-functional dependencies between CFO, CHRO, and CIO.



The journey to interoperability.



Key Workday technologies for interoperability.

Workday interoperability is powered by a suite of technologies designed to handle a wide range of integration needs, addressing the most pressing challenges facing manufacturers today.

Workday Integration Cloud Platform (ICP): The core of the Workday integration offering, providing the infrastructure and tools to build, deploy, and manage integrations

Workday Studio: A graphical integrated development environment (IDE) that allows developers to build sophisticated and highly customizable integrations

Enterprise Interface Builder (EIB): A user-friendly tool that enables non-technical users to create simple inbound and outbound integrations using a guided interface

Workday connectors: Prebuilt integrations to common third-party applications and services, which can significantly accelerate deployment times

Workday APIs: A comprehensive set of public APIs that provide programmatic access to Workday data and business processes, allowing for deep and flexible integrations

Workday Extend: A platform that allows developers to build and deploy new applications and extensions on top of Workday, further enhancing its interoperability and functionality

If you're not interoperating, you're not really operating.

With a unified data core, an open and extensible platform, and a suite of powerful integration tools, Workday enables manufacturers to bridge the gap between their corporate functions and their core operations—fostering greater agility, innovation, and long-term success.

[Contact us](#) today or [learn more about Workday for manufacturing online](#). We're ready to discuss your particular needs and how Workday interoperability can take you forward.

[workday.com](https://www.workday.com)