

# BMC Solutions for the Joint Information Environment (JIE)

BMC solutions for the federal government simplify and automate IT processes, allowing stakeholders to govern, prioritize, and orchestrate work based on mission needs. BMC solutions manage the DoD global enterprise, from mobile devices, to distributed platforms, to the mainframe, and out in the cloud. The BMC prescriptive approach accelerates JIE initiatives, which results in greater mission effectiveness and tangible value to the DoD.

## BUSINESS CHALLENGE

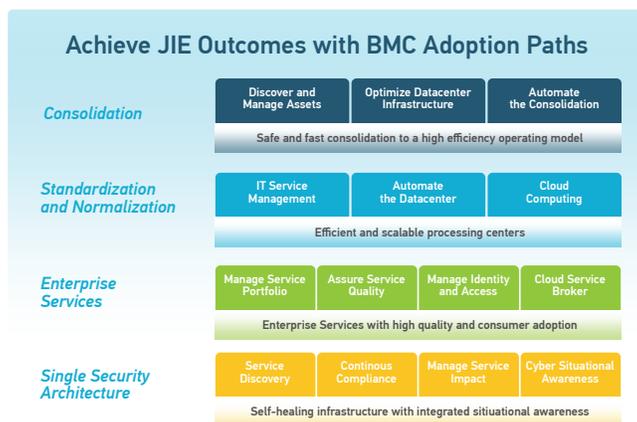
Charged with deterring war, maintaining peace, and protecting national security, the Department of Defense (DoD) comprises numerous agencies, sub-agencies, and programs. As a critical force multiplier, information technology (IT) plays a key role in the DoD's mission. Successful mission command requires that actionable data flow seamlessly among these branches, free from security risks.

The reality is that each group has its own network, operational practice, and level of cyber security. The result: massive amounts of critical data housed in silos, proliferating duplicate functions and hindering enterprise agility and scalability. The Joint Information Environment (JIE) aims to change this, reducing network complexity and improving information sharing and cyber security.

## THE BMC SOLUTION

BMC solutions for the federal government are designed to accelerate initiatives like the JIE. BMC has defined outcome-based adoption paths that specifically support each JIE action with relevant technology and implementation services.

The adoption paths take the form of incremental steps, or Routes to Value (RTV), that make it easier and faster for customers to implement and benefit from the JIE initiative. Instead of trying to tackle all actions at once—consolidation, standardization/normalization, enterprise services, and single security architecture—stakeholders can focus on one area at a time, with clearly defined and attainable milestones.



## KEY BENEFITS

- Accelerates JIE initiative
- Provides outcome-based, incremental adoption paths aligned to JIE actions
- Consolidates disparate networks quickly and securely with highly efficient operating model
- Reduces duplication and minimizes risk
- Lays foundation for efficient and scalable processing centers
- Makes high-quality enterprise services accessible to consumers
- Creates self-healing infrastructure with integrated situational awareness
- Implements efficient real-time comprehension and response to threats to reduce risks and assure mission readiness
- Speeds time to value
- Leverages existing investments in software, training, and human capital

## CONTACT US

To learn more about BMC solutions for the federal government, contact your account representative or visit [www.bmc.com/federal](http://www.bmc.com/federal)

**Consolidation:** By consolidating computer networks, DoD commanders can collaborate and make decisions more quickly in a safe environment. BMC's consolidation adoption path facilitates a secure and swift implementation, resulting in a high-efficiency operating model. The path includes three distinct steps:

1. **Discover and Manage Assets:** Maintains an accurate and up-to-date inventory of enterprise-wide assets, including hardware, software, applications, and services.
2. **Optimize Data Center Infrastructure:** Maps out how services will be moved and supported by the new infrastructure, optimizing performance and availability.
3. **Automate the Consolidation:** Establishes standards, automates the process of moving services over to the new infrastructure, and manages them efficiently.

**Standardization and Normalization:** By incorporating JIE standards, agencies can improve scalability and shorten coordinated response times. BMC's standardization and normalization adoption path establishes a foundation for efficient and scalable processing centers through three steps:

1. **IT Service Management:** Creates standards for ITIL® (Information Technology Infrastructure Library) service support practices to track all actions against assets and services.
2. **Automate the Data Center:** Establishes highly automated, standard operating procedures for the JIE processing centers.
3. **Cloud Computing:** Provides a method to rapidly define, automate provisioning, and give consumers access to a catalog of private and public cloud services implemented as JIE standards.

**Enterprise Services:** The JIE streamlines and accelerates the onboarding of IT services required for a program's or agency's mission. BMC's enterprise services adoption path ensures a high degree of adoption and IT service quality for consumers:

1. **Manage Service Portfolio:** Delivers a service strategy that allows portfolio managers to manage services, providers (internal and external), and associated costs.
2. **Assure Service Quality:** Provides consumer analytics, making it easier to enforce Service Level Agreements (SLAs).
3. **Manage Identity and Access:** Implements a federated identity broker to manage single sign-on (SSO) access.
4. **Cloud Service Broker:** Empowers IT service consumers with direct access to a service catalog.

**Single Security Architecture:** BMC's single security architecture adoption path creates a self-healing infrastructure with integrated situational awareness. It comprises four steps:

1. **Service Discovery:** Maintains an accurate model of mission-critical infrastructure and lays the foundation for making risk-based responses to security threats.
2. **Continuous Compliance:** Implements a closed-loop continuous monitoring model to detect and correct compliance weaknesses in critical mission infrastructure.
3. **Manage Service Impact:** Provides sophisticated analytics and automation to implement a coordinated response to threats based on the risk, impact, and root cause.
4. **Cyber Situational Awareness:** Dynamic data visualization that improves situational awareness and decision-making.

BMC Software helps leading companies around the world put technology at the forefront of business transformation, improving the delivery and consumption of digital services. From mainframe to cloud to mobile, BMC delivers innovative IT management solutions that have enabled more than 20,000 customers to leverage complex technology into extraordinary business performance—increasing their agility and exceeding anything they previously thought possible.



IT'S AMAZING WHAT I.T. WAS MEANT TO BE.

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