

Red Hat Process Automation Manager for healthcare decisions

As a healthcare provider, you may be managing hundreds or thousands of patients daily, each with unique circumstances. Meanwhile, medical advances happen quickly, with hundreds of thousands of clinical trials in progress.¹

In this complex environment, manually following a traditional clinical care pathway can be difficult. It can be easy to forget to schedule an appointment or order a blood test, and it is even more challenging to keep up with available interventions.

You need a reliable and standardized way to keep track of your patients' journeys on their care continuum, determine effective treatments, and make the best decisions at the point of care.

With the powerful combination of business process modeling and artificial intelligence (AI), you can create care models that directly improve decision making at the point of care.

Business process modeling and AI for healthcare

Business process modeling (BPM), a component of **Red Hat® Process Automation Manager**, allows for the authoring of clinical care pathways that may be shared, studied, and improved by measuring outcomes. For operational concerns, doctors can visualize a patient's care plan, its status, and decisions that were made to reach the current state. The model extends beyond the boundaries of the doctor's office because it interacts with other health information technology (HIT) systems. This approach provides care providers with situational awareness.

Combining BPM with AI modeling improves decision making. Also known as **applied AI**, AI modeling learns from big data analytics and can make recommendations, predictions, and probability matches for the clinician at a care plan decision point. It creates intelligent, informed systems that let you better interpret and respond to changing dynamics.

Now, you can integrate real-time AI into clinical pathways. Working through massive data sets, the AI can predict, with great accuracy, which medication or treatment to prescribe to a particular patient. You get accurate intelligence faster and an instant recommendation, at the point of care, on the best treatment approach for your patient.

With business process and AI modeling, you have the knowledge you need to provide the best possible care.

Predictive decision modeling with Red Hat Process Automation Manager

Red Hat Process Automation Manager makes predictive decision modeling possible in healthcare.

With Red Hat Process Automation Manager, you can create your own BPM models and connect them to AI-driven decision points to produce intelligent and automated predictive decision modeling scenarios. You create your model, hit publish, and processes are immediately automated.



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¹ U.S. National Library of Medicine, <https://clinicaltrials.gov/ct2/resources/trends>. Accessed June 2020.

Red Hat Process Automation Manager runs on [Red Hat OpenShift®](#), the leading enterprise Kubernetes container platform.² As such, you can [deploy your operational models as containerized services on Red Hat OpenShift](#).

Why Red Hat?

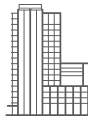
Red Hat brings experience and innovation to healthcare, using open source software to provide greater information for healthcare professionals—and better outcomes for patients. [Red Hat's experience in the healthcare industry](#) runs deep, and we understand that process automation is unique for healthcare organizations. That's why 100% of healthcare companies in the Fortune 500 rely on Red Hat.³

Learn more about [Red Hat Process Automation Manager](#) and how Red Hat's combination of process automation and [AI and machine learning](#) can help you achieve your healthcare objectives.

² Robuck, Mike. "Red Hat rules the roost for container software market revenue, for now - report." *Fierce Telecom*, 4 Sept. 2019.

³ Red Hat client data, June 2019.

About Red Hat



Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.



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