AUTOMATE HEALTHCARE PROCESSES WITH MOBIA AND RED HAT

PARTNER SOLUTION BRIEF

"MyCCath is a valuable tool because it reduces delays in the referral process, resulting in more timely intervention and enhanced quality care for patients."

DR. SEAN CONNORS,
CLINICAL CHIEF FOR CARDIAC CRITICAL CARE WITH EASTERN HEALTH

INTRODUCTION

Cardiologists and healthcare administrators face the task of optimizing care delivery, reducing operational costs, and improving the overall health of their patients. To deliver the best care, many providers rely on the collection and use of massive amounts of patient data to produce predictive treatments and sustainable care. This data is often paper based or stored in closed, proprietary applications, leaving doctors and administrators encumbered with manual, inefficient data processes. Open standards, nonproprietary platforms, and the proliferation of smart devices can help address this issue.

MOBIA AND EASTERN HEALTH

MOBIA worked closely with IT and clinical teams at Eastern Health in Newfoundland and Labrador, Canada, to design a solution to meet the aforementioned requirements and streamline cardiology catheterization lab scheduling processes. This solution, called myCCath, benefits all stakeholders across the continuum of care: patients, referring specialists, cardiologists, and central intake administrators. It helps address and automate additional clinical processes to facilitate improved management visibility and predictive population health.

MOBIA AND RED HAT

MOBIA and Red Hat have partnered to provide open source alternatives to automate and improve healthcare processes. Built on Red Hat® technologies, MOBIA's integrated solutions deliver cost efficiency and flexibility. These modular, open solutions protect organizations from vendor lock-in and lead to cost savings without compromising security, performance, or scalability.

SOLUTION AT A GLANCE

MOBIA myCCath is a cloud-native application that manages referral, workflow, scheduling, notifications, and outcome analytics for cardiac catheterization laboratories and enables healthcare organizations to streamline and automate the processes derived from this traditionally fragmented data. Built on Red Hat OpenShift® Container Platform, MOBIA myCCath allows integration with existing systems and devices and is delivered as a Software-as-a-Service (SaaS) model. It gives providers the ability to manage changing health conditions and prioritize patients' scheduling by medical urgency.

MOBIA myCCath is a modular, web-based application that is delivered with security features and can be configured to address the unique concerns of diverse healthcare organizations. Red Hat OpenShift Container Platform provides the composable container infrastructure at the core of myCCath, allowing providers to deploy the tools they need when they need them, all from one place.

Red Hat OpenShift helps healthcare organizations achieve greater value by delivering modern and traditional applications with shorter development cycles and lower operating costs. It is built on open source innovation and industry standards, including Kubernetes and Red Hat Enterprise Linux®, the world's leading enterprise Linux distribution.

BENEFITS

MOBIA myCCath enables electronic referrals for cardiac procedures, automatic feedback to the referring physician regarding referral status and procedure schedule, integration with an expansive client registry, and improved administrative reporting capabilities. In addition to streamlining existing catheterization laboratory processes, the myCCath solution platform offers significant value by using Internet of Things (IoT) and analytics technologies to facilitate home health, real-time analytics, and cardiac population health management.

MOBIA myCCath provides a range of benefits to healthcare organizations, including:

- Reduced wait times, errors, and risk.
- Real-time and predictive insights into patient population health.
- Optimized system capacity and the ability to scale resources to meet demand.
- Improved patient outcomes and reduced costs.
- Automated manual processes and full use of existing assets.
- Reduced administrative and transportation costs associated with errors in scheduling coordination.
- Visibility and predictability in cardiology scheduling by measuring patient outcomes and using artificial intelligence (AI).
- Seamless, real-time, bidirectional communication across the care continuum.
- Integration and innovation across existing systems, such as hospital information systems, portals, and decision support.

LEARN MORE

Learn how MOBIA myCCath can help your healthcare organization improve its medical services delivery at mobia.io/myccath.

ABOUT MOBIA

MOBIA Technology Innovations is a systems integrator and technology consulting firm with more than 30 years of experience working with Canadian service providers, healthcare providers, and enterprises through their technology transformations. MOBIA delivers software and professional services with a twist—a 360° approach that lets MOBIA see challenges from the customer's perspective and deliver solutions that get results.

ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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