

Abstract

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Medical Records in Field Operations: A No-Code Approach

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Abstract

Commercial Electronic Health Record (EHR) systems in the U.S. are hospital-centric and are optimized for billing and insurance processes and liability risk management. Operational medicine has completely different medical record requirements, with dynamic and unpredictable environments and a focus on field triage, emergent patient needs, logistical coordination, and ultimately, the efficient transfer of care. The DHS Office of Health Security's Medical Information Exchange (MIX) and the DHA's Joint Operational Medicine Information Systems (JOMIS) programs have been exploring EHR solutions which anticipate and support the multilateral collaborations and fluid circumstances of field-based medical care using a no-code (drag and drop) solution that can be tailored to requirements in real time, can scale down to mobile devices, and can retain full functionality even while offline.