

*Validic – Drew Shiller Examples of Successful Interoperability*

Sutter Health		
Profile Element	Description	
Responsible Entity	The owner of the project	Sutter Health (Palo Alto Medical Foundation)
Participating Entities	Types of organizations participating, e.g., hospital, provider	
Description	Short description of the project	<p>Monitoring high risk patients with hypertension and heart disease with a comprehensive remote patient monitoring initiative powered by digital health devices.</p> <p>Full process –</p> <ul style="list-style-type: none"> <li>• Patient sees MD</li> <li>• Enrolls in program</li> <li>• Nurse helps them download an app to their phone for care coordination</li> <li>• Connects bluetooth blood pressure monitor to application</li> <li>• Can connect bluetooth scale and fitness tracker to application, as well</li> <li>• Measures BP 2x per day</li> <li>• Measures weight</li> <li>• Monitors activity</li> <li>• Nurse tracks the data, if he or she sees variability in data, they reach out to the patient.</li> <li>• Focus and mission is to keep the patient compliant, healthy, and out of the hospital</li> </ul> <p>Validic provides healthcare organizations, like Sutter Health, access to secure and standardized patient-generated data from digital health devices and applications. Validic</p>

		<p>is a FDA MDDS Class I solution that connects to over 215 digital health technologies,</p> <p>Initially, Sutter tried 33 different monitors from three different manufacturers – one was hard to use, one had unreliable measures, and one was recalled.</p> <p>Rather than rebuilding to entirely new device, Sutter turned to Validic. Sutter requested a connection to a specific monitor and Validic integrated into their software in one month. It did not require Sutter to do any additional development.</p> <p>Once Sutter gets the BP data from their patients, they integrate it into their Epic medical record. Validic also works with EHR companies Cerner, MEDITECH, and InterSystems. Patients can connect their devices to the patient portal offered by these technology vendors, in addition to integrating the data into the EHR.</p>
Standards Implemented	What standards were implemented in the project	<p>Validic’s data model is openly published for free.</p> <p>Data comes into Validic in vendor proprietary formats. Part of Validic’s value to healthcare organizations is the normalization and standardization of the data to make it immediately actionable for them.</p> <p>Proprietary to Validic. There was no standard available when they started.</p> <p>Can map their data to SNOMED.</p> <p>Industry is moving so fast -- standards bodies cannot keep up with the pace of innovation and adoption.</p>
Policies Adopted	What policies were implemented/adopted to support the implementation	
Timeframe	Start date, key milestones	Have been working with Palo Alto Medical Foundation. Will be rolling out to Sutter at large.
Volumes	Quantitative indicators, e.g., number of providers, number of	

	records exchanged	
Impacts	Quantitative results, e.g., reduction in delays, cost savings	
	Qualitative results, e.g., provider satisfaction, perceptions, testimonies	
References	Links or attached documents	
Contacts	Point of contact for further information	