

Table 2

Reduction in Clinician Login Times in 19 Hospitals after Single Sign-On (SSO) Implementation

Login Performance Parameter	Frequency or Time	Keyboard Time Reduction Enabled by SSO
Total number logins to EHR over 7 days	184,606	–
Number of first-of-shift logins	24,472	
Number of reconnects/re-logins	160,134	
Active clinical users of SSO	12,903	–
Duration of first-of-shift logins (7 days)		
Before SSO implementation	235.2 hours (19.6 shifts ^a)	–
After SSO implementation	199.2 hours (16.6 shifts)	36.0 hours (3.0 shifts ^a)
Duration of reconnects (7 days)		
Before SSO implementation	1,303.3 hours (108.6 shifts)	–
After SSO implementation	395.9 hours (33.0 shifts)	907.4 hours (75.6 shifts)
Total weekly time savings with SSO	19 hospitals	943.4 hours (78.6 shifts)
Total weekly time savings per facility	1 facility	49.7 hours (4.1 shifts)
Total annual time savings with SSO	19 hospitals	49,056.8 hours (4,088.1 shifts)
Total annual time savings per facility	1 facility	2,584.4 hours (215.4 shifts)

^a Shifts are defined as the equivalent of 12 hours.