



TecTANGO

A Premier Orthopedic Hospital

Case Study

Overview

Increasingly, healthcare institutions are adopting the latest technologies to strengthen their infrastructure, enhance user experiences, and enhance cybersecurity.

A premier team of orthopedic healthcare professionals offers comprehensive diagnosis and recovery services. As a premier healthcare institution, they handle hundreds of patients per day, and thus have to maintain such a huge volume of records efficiently as well as keep them safe from unauthorized access. To strengthen their security and improve their operational efficiency, they needed a secure authentication process.

Client requested a secured authentication system and improved user access to their EMR application.

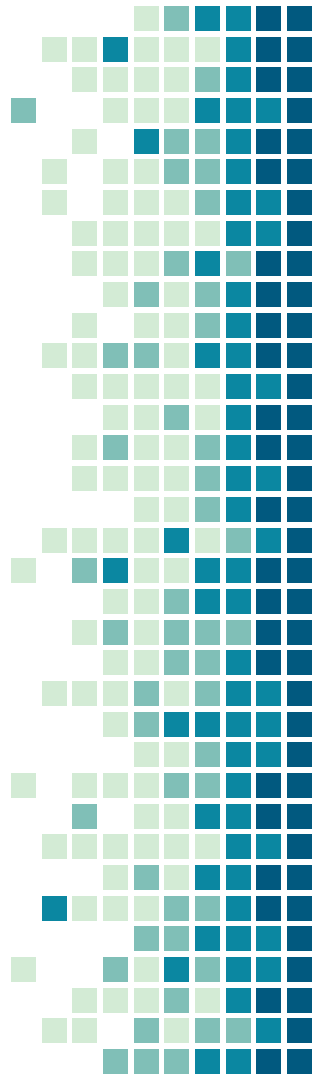
Solution

In order to satisfy the client's requirements, TecTANGO created a POC environment powered by the best of solutions, including:

- ✓ Okta POC tenant with Delegated Auth configured
- ✓ Windows 10 Workstation for better connectivity
- ✓ Test users with access to the EMR application
- ✓ Proximity Cards for touchless login
- ✓ HID Omnikey 5427 CK Reader

With just a tap of the proximity card, clinicians could access the EMR application quickly with TecTANGO's workflows. Access to the building is also granted with this card.

The proximity card can be configured to work with a second factor (password, PIN, or Okta MFA) to prevent accidental loss. Due to the grace period, this second factor is only required at configurable intervals, thereby maintaining convenience.



Outcome:

Through a touchless login system, TecTANGO enhances user experience and security.

- ✓ Upon starting their shifts, clinicians simply tapped their proximity cards on a shared Windows 10 workstation.
- ✓ To unlock the system or sign in again, they had to provide a PIN.
- ✓ In addition, they had to provide the password every 12 hours.
- ✓ The card had to be tapped on other machines within the network for subsequent logins.
- ✓ It would automatically launch the EMR application.
- ✓ Clinicians had to tap the card again after the 12-hour log-in period and enter a password and PIN.

Conclusion:

As a result, TecTANGO was able to successfully meet the client's requirements and build an authentication system that supports touch-less login as well as avoiding delays for the EMR app access, thus improving the workflow significantly. Instead of worrying about technology or passwords, they could focus solely on providing care to their patients.

