TecTANGO

California-based Leading Healthcare Institute

Case Study

Overview

It is evident that the internet has reshaped many health-related processes, enabling rapid access to information that helps in better diagnosis, treatment, and decision-making. Therefore, healthcare organizations try their best to level up and adopt the latest technologies to support these advanced systems' requirements.

A premier health center also needed to upgrade its login system into a touchless authentication set-up that could lead to better user experience and patient outcomes. Additionally, it demanded improved access to different applications.

Solution

TecTANGO recommended the following solutions that could be easily integrated into the client's existing technical infrastructure and streamline the operational workflow:

✔ Windows 10 Workstation

✔ Test users with access to the EMR application

✔ Prox card

✔ RF Ideas pcProx Plus 82 Series card reader

These solutions overall created an ideal set-up for secured touchless login. The Prox card enabled passwordless login to the Windows workstations. The user could just Tap-In, Tap-Out, or Tap-Over using the badge. Also, the card just needed to be enrolled once. After that, it could be used on any machine without having to log in again and again. The clinicians could easily launch in and close applications in different systems easily.

The RF Ideas pcProx Plus 82 Series card reader can easily read proximity cards as it is supported by dual-frequency multi-technology. With the help of a developer kit, the reader can be easily integrated into different hardware and software products. It also uses direct integration methods, which are more efficient as compared to keystroking. Additionally, these card readers are very cost-effective and offer limitless user identification and authentication opportunities. They are highly compatible with Windows systems and support most ID badge technologies.

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Outcome:

Microsoft RDS Virtual Desktop helped in shared computing because multiple users could connect simultaneously to the virtual machine. It provides remote desktop access for the users, which is an ideal solution for Session-Based Virtualization and Virtual Desktop Infrastructure (VDI).

✔ The healthcare workers had to tap their badges on shared workstations in kiosk mode to launch a Microsoft RDS Virtual Desktop.

✔ These workstations were located in exam rooms, with nurses and doctors needing quick and easy access to launch and close their necessary applications.

Conclusion:

Thus, TecTANGO addressed the client's requirements and came up with an ideal solution for easy and reliable user authentication for the healthcare center.

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