



Velaris Medical Centre

VelTech Data Hacking and Ransom Factsheet

VelTech

- The system was created by Cassian Brooks in 2015.
- VelTech is the medical data computer system that is used all throughout Velaris Medical Centre. This also extends to the Velaris Medical Clinics and Pharmacies.
- VelTech used a unique system with custom fire walls and programs to ward off potential hackers.

During the Hacking

- The hackers had seized control of the internal computer system that allows for: providers to document and write scripts for patients, process medical insurance, contain patient's charts/data/histories, access to locked medical closets for medicine and supplies, patient location trackers, and bed assignments.
- During the breach all medical personnel ran off of paper charts and downtime forms to accurately chart patient care and information. The backup generator allowed for current surgeries to be finished and for patients to continue to have drips, working ventilators, medicine dispensers and warming NICU lights.
- All other scheduled procedures were postponed.
- Velaris Medical Centre has a capacity of 550 patients, and at the time of the hacking, the capacity was at 468 patients.

The Resolution

- In a collaborative effort between the FBI IT specialists and Velaris IT Dept., they were able to establish a new, secure data system.
- New routines for fire wall checks and crisis protocols, allow for more prevention from future incidents.