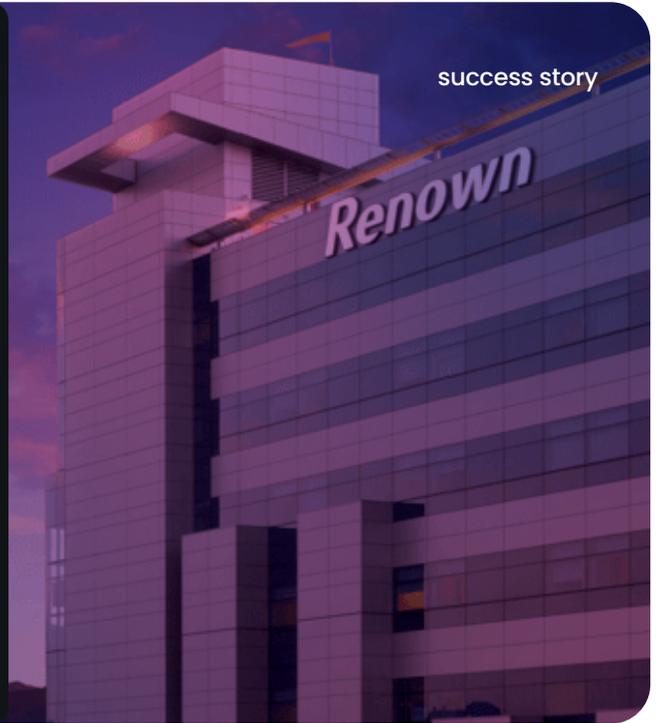




renown health secures mobile COVID-19 test center with the arcules cloud

success story



the customer

Joe Edwards, Director of Security
Renown Health
renown.org



the partner

Nic Hasler, Founder & President
Incline Technology Consulting
incline.technology



A locally owned, charitable, not-for-profit integrated health network serving Nevada, Lake Tahoe and northeast California. With a diverse workforce of more than 7,200 employees, Renown has fostered a longstanding culture of excellence, determination and innovation. The organization comprises a trauma center, two acute care hospitals, a children's hospital, a rehabilitation hospital, a medical group and urgent care network, and the region's largest, locally owned not-for-profit insurance company, Hometown Health.

Security Integrator with over 20 years of cyber security and electronic security systems experience.

7,200 — **level 2** — **946** — **2**
EMPLOYEES TRAUMA CENTER BEDS EMERGENCY ROOMS



the challenge

Like many healthcare facilities and hospitals all over the country, Renown Health has faced the influx of patients infected with COVID-19. As a result of this demand for more beds to test and treat critical patients, Renown Health expanded its facility to include additional remote, mobile units that support incoming patients. Since these locations are not permanent, security leaders needed to find a solution that addresses connectivity and bandwidth issues and provides additional oversight at these locations without having to invest in an on-site server.

As a longtime customer of Incline Technology Consulting and an existing customer of Milestone Systems, Renown Health required a solution that integrates seamlessly with the XProtect Video Management system (VMS); one that could be remotely controlled and monitored through the existing infrastructure. The facility also needed the ability to seamlessly add cameras to the infrastructure as their needs changed or expanded - sometimes at a moment's notice.





the solution

Struggling with significant budget cuts and challenging network connectivity, Incline recommended the Arcules Unified Cloud Security Platform not only because of its scalability and flexibility, but also because it seamlessly integrates with both their existing Axis Communications IP cameras within the remote facility, as well as the Milestone-XProtect VMS. Yet, the limitations around connectivity created a challenge with being able to reap the full benefits of cloud storage.

Arcules partnered closely with Nic Hasler of Incline to incorporate a way for Renown Health to leverage cloud-based functionality within the limited bandwidth environment: the Arcules Edge Cloud Solution. The Edge Cloud solution allows security leaders at Renown Health to collect and store incoming video data from five Axis cameras on an edge storage device, while also enabling users to remotely view and manage that incoming data via the cloud.



why they chose arcules

keep existing cameras

By taking advantage of Arcules' open platform, Renown saved thousands of dollars and dozens of hours by simply integrating the Arcules solution with their existing cameras and infrastructure.

speed of deployment

The Arcules Cloud scales quickly--no servers or storage to add. Renown's locations were added in mere minutes, allowing them to address the emergent and essential demands being presented at their mobile units by COVID-19.

low bandwidth edge cloud

The Arcules Edge Cloud solution uses an average of only 10 Kbps (up to 50 Kbps) of Internet bandwidth per channel while recording video, enabling Renown to operate inside limited bandwidth constraints dictated by their non-permanent, mobile sites.

milestone Integration

Because Arcules integrates with Milestone-XProtect video management software (VMS), Renown was able to leverage their existing solution and centralize their dispersed video surveillance operation.



We've gone through a number of iterations of our vision for protecting external areas of the hospital, from the facilities that are housing COVID-19 patients to the variety of other remote locations around our facility where physicians and medical personnel could securely test and care for patients. **This is all a testament to the flexibility of the Arcules system.**

- Benjamin Lane, Network Analyst

the result

By adopting the open platform and cloud-based functionality from Arcules, Renown was able to use all of its existing encoders and camera infrastructure without having to spend the significant amount of time and resources it would take to completely overhaul the system. Edwards stated that the ability for Arcules to be flexible and agile amidst the changing needs of the hospital was one of the best features of the platform.



We would eventually like to migrate the entire system to a purely cloud-based video management platform, and the only way that it will work is if the technology supports legacy equipment without having to rip and replace existing cameras. **The fact that we could begin this process today by adopting Arcules was a huge win toward that goal.**

- Joe Edwards, Director of Security