

A background image of a man wearing a black cap with "EMERY AIR" written on it, a headset, and a high-visibility green safety vest. He is looking directly at the camera. The background is slightly blurred, showing what appears to be an airport or cargo facility.

Emery Air

A customised solution for seamless cargo surveillance.

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The Problem

Emery Air is a unique multi-platform aviation service company offering clients a range of services in Rockford, IL. Founded in 1958 as a flight school, the company has grown rapidly with a modern inventory of services that now includes a full-service FBO, air freight ground handling, bonded cargo warehousing, 3PL warehousing and 1st, 2nd & 3rd trucking logistics support.

With massive amounts of aircraft cargo handled across hundreds of thousands of square feet of warehousing facilities, operations monitoring was a crucial requirement for the Director of Technology & Facilities at Emery Air, Kevin Schmidt.

"When you handle cargo with aircraft, lots of people want to be able to watch the operations occurring there", said Kevin. "I would like to be able to view as much of the floor area as possible". Kevin was looking for a DIY install to save money on a new surveillance system, which meant minimising cable runs also had to be considered. The solution also needed to be scalable, with plans to upgrade and retrofit the remaining parts of the facility in the future.

SCW was chosen to deliver a surveillance solution based on its proven track record of delivering industry-leading scalable systems for a variety of applications. Providing best-in-class hardware, SCW could customise a security solution tailored to the specific needs of Emery Air.

The Solution

In order to keep costs down while upgrading the facility and also keep up with DIY installation as they went along, the project was split into several phases. Each phase delivered a different set of NDAA Compliant equipment.

The scalable security solution included:

Phase 1: Included 27 cameras, with plenty of room for expansion.

The cameras included:

10 x Warrior 8.0 - A Fixed Lens Mini Bullet Camera with Active Deterrence Lights, Speaker and Mic.

6 x Deputy 8.0 - A Fixed Wide Angle Lens Turret Dome Camera with Active Deterrence Lights, Speaker and Mic.

8 x Deputy 2.0 - A Fixed Wide Angle Lens Turret Dome Camera.

3 x Radius 12.0 - A 12MP 360° Fisheye Dome Camera.



The Solution

Additional equipment included:

The Imperial 64-16S v2 - A 64 Channel 4K NVR with Extra Storage.

3 x 12TB Hard Drive - Rated for Surveillance.

2 x SCW 16 Port PoE Switch with Extended Transmission.

Phase 2:

V2 Framework - 14 additional cameras for a different part of the facility.

The additional cameras included:

7 x Warrior 8.0 - A Fixed Lens Mini Bullet Camera with Active Deterrence Lights, Speaker and Mic.

1 x Deputy 2.0 - A Fixed Wide Angle Lens Turret Dome Camera.

6 x Radius 12.0 - A 12MP 360° Fisheye Dome Camera.



The Solution

Just like the first phase, the second also included, these items:

The Imperial 64-16S v2 - A 64 Channel 4K NVR with Extra Storage.

3 x 12TB Hard Drive - Rated for Surveillance.

2 x SCW 16 Port PoE Switch with Extended Transmission.

Phase 3:

16 additional cameras were added for a separate building.

The additional cameras included:

16 x Warrior 8.0 - A Fixed Lens Mini Bullet Camera with Active Deterrence Lights, Speaker and Mic.

Additional equipment included:

The Imperial 64-16S v2 - A 64 Channel 4K NVR with Extra Storage.



The Result

The final result was a scalable, tailored surveillance system that was delivered using a fully-phased approach and focussed on keeping costs down and making DIY installation as easy as possible for the client.

The new state-of-the-art surveillance system outfitted the entire cargo handling facility, as well as several different buildings and production lines. The system included 120 cameras and 5 NVRs and allowed Kevin and his team to easily monitor the final production assembly lines, as well as access to and from the airstrip, which was a crucial security consideration going into the project.

The ease of installation has also been a huge bonus for Kevin and his team, and he loves the new best-in-class equipment SCW has delivered. "We're probably pushing close to 200 cameras by now, and they are great. The SCW solution works better than we used to have", said Kevin.

Emery Air has been a great client to work with, as their continual feedback has allowed us to make product updates and tweaks to optimise performance. SCW looks forward to supporting Emery Air, providing tailored surveillance solutions as they continue to scale.

WHY SCW?

When you handle massive quantities of precious air cargo, you need a robust, tailored surveillance solution you can trust.

With decades of experience and excellence, we understand how to deliver cost-effective, reliable solutions that are easy to install and even easier to use.

SCW services, supports, installs, consults, designs, and develops end-to-end solutions tailored to a client's needs, and is flexible enough to let you decide which offerings you need.

Built to last

SCW sells only commercial-grade equipment. This equipment is specifically designed for heavy use and scalability. With their facilities continuing to expand, Emery Air required robust, scalable solutions that can only be delivered by SCW.

Scalability

The systems available from SCW are designed, not only to meet the client's immediate needs, but to also be easily duplicated when more facilities are required. With SCW's phased approach, Emery Air's solution could be easily scaled.

After-sale service

The right equipment, combined with free, US-based, lifetime tech support, made SCW the perfect partner for Emery Air.

Over 4,000 Five-Star reviews, with an average score of 4.9, say more than we can about the standards of our business practices at SCW.

All of the cameras installed for the project included SCW's standard 3-year warranty, with the ability to extend to five years.

Get Started

With a robust, reliable security solution for Aviation.

Our promise of world-class customer service and technical support is central to providing you with the best security available, anywhere.

[Learn More](#)