



# United States Military Academy at West Point

## INTRODUCTION

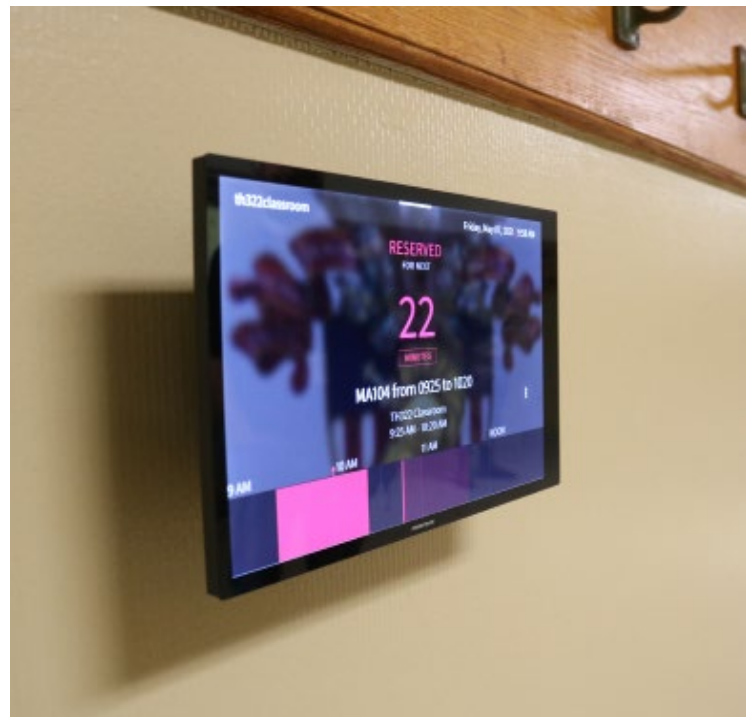
The United States Military Academy (USMA) is a four-year federal service academy located in West Point, New York. USMA aims to educate and train cadets for commissioning into the United States Army. Each graduate is a leader of character and prepared for a career of professional excellence and service to the nation as an officer in the United States Army.

**"CRESTRON HAS BEEN A TRUSTED TECHNOLOGY PROVIDER FOR THE UNITED STATES MILITARY ACADEMY FOR YEARS AND HAS BEEN THERE TO SUPPORT US IN SEVERAL OF OUR BIG PICTURE INITIATIVES."**

**Gary Albaugh**

*Deputy, Chief Information Officer/ G6  
United States Military Academy at West Point*





## THE CHALLENGE

USMA needed to continue to evolve with the ever-changing information technology space. By implementing an array of advanced solutions, the academy would remain a competitive academic institution and attract new talent, including both cadets and faculty.

## THE SOLUTION

In order to provide cutting-edge technologies that help improve the overall experience for faculty and cadets in-training, the academy deployed a range of Crestron solutions, such as digital signage, room scheduling panels, AV systems, and more.

**"CRESTRON'S TECHNOLOGY HAS IMPROVED THE OVERALL ACADEMIC EXPERIENCE FOR OUR CADETS DUE TO ITS INTEROPERABILITY AND COLLABORATION CAPABILITIES."**

**Gary Albaugh**

*Deputy, Chief Information Officer/ G6  
United States Military Academy at West Point*

## THE TECHNOLOGY

Crestron is currently deployed in approximately 500 classrooms, 20 meeting spaces, and seven auditoriums across USMA. Crestron DigitalMedia™ technology was implemented in each classroom to manage several inputs and share content within the room. Crestron DM Lite® endpoints provide a simple, high-definition AV presentation solution for the classrooms, along with a Crestron Amplifier and Saros® speakers for superior audio quality.

Within USMA's Department of Law and Department of Mathematics meeting spaces, the Crestron Flex Wall Mount Small Room Video Conference System for Microsoft Teams® Rooms was added for its high-performance soundbar and camera. The Crestron Flex system offers an intelligent communications platform, supporting a single video display with a Crestron touch screen. Crestron Flex Desk Phones were also implemented to deliver a consistent user experience at every desk with superior voice calling and hands-free conferencing. There are currently more than 50 units deployed across campus.



Crestron room scheduling panels were deployed in the auditoriums and math classrooms to display signage to the faculty and cadets. As USMA continues to update the AV across campus, digital signage will play a role in showing room occupancy and availability. Since USMA can be challenging to navigate, especially for someone new to campus, wayfinding systems are critical to help with locating rooms throughout the building.

In the Robison Auditorium, a Crestron control system manages and integrates all of the disparate technologies throughout the space. Crestron DigitalMedia offers ultra-fast video and audio switching and multiroom signal distribution for all types of AV sources.

**"WHETHER IT'S IN A TRANSMITTER, A ROOM CONTROLLER, OR A TOUCH SCREEN ON THE WALL, CRESTRON IS EVERYWHERE IN OUR ACADEMIC SPACES. IT HAS TRULY MADE OUR DAY-TO-DAY OPERATIONS AND LEARNING A LOT MORE EFFICIENT."**

**Roderick Wilson**

*Educational Technology Branch*

*United States Military Academy at West Point*



## RESULTS

Crestron has helped USMA achieve its goal of enhancing the technology experience across campus for cadets and faculty alike.

"Crestron's solutions have transformed our academy into a tech-forward education setting for cadets and faculty," said Albaugh. "The advancements of technology today will serve them as military officers in the future."

### Featured Products

**Crestron Flex Wall Mount Small Room Video Conference System**  
UC-B30-T

**Crestron Flex Audio Desk Phone with Handset for Microsoft Teams®**  
UC-P8-T-HS

**10.1 in. Room Scheduling Touch Screen**  
TSS-1070

**16x16 DigitalMedia™ Switcher**  
DM-MD16X16-CPU3

**DM Lite® HD Scaling Auto-Switcher & HDMI® over CATx Extender 400**  
HD-MD-400-C-E KIT

**Saros® 4" 2-Way Surface Mount Indoor/Outdoor Speaker**  
SAROS SR4T-B-T-EACH

**Single-Channel Modular Power Amplifier**  
AMP-150-70

**3-Series® Media Presentation Controller**  
MPC3-102