



PROGRAMMER'S PERSPECTIVE

How Extron Programming Enhanced the AV Experience at Lawrenceville School

Written by David Glassman

“Extron provides ControlScript, their fully-formed and well-documented Python library for use when interfacing with its equipment, making working with devices such as touchpanels and switchers very easy.”

David Glassman,
Senior Software Engineer
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New AV for a Historical Institution

Located in central New Jersey, the Lawrenceville School is a private boarding school with a 200-year history of providing excellent educational opportunities. The school's Abbott Dining Hall uses an Extron DTP Crosspoint 108 4K ICP SA with multiple DTP transmitters and receivers for local inputs and outputs to route signals to projectors and displays. The system is controlled via two Extron TLP Pro 720M touchpanels through the built-in ICP Pro control processor within the DTP Crosspoint. All of this is programmed using ControlScript® and Extron Global Scriptor® Integrated Development Environment.

Overall Experience

Though I had previous experience and was confident in doing general purpose Python programming, the Lawrenceville School project was the first AV system I programmed using Global Scriptor, Extron's Python programming environment. Going into it, I was unsure what challenges might arise that I would not normally encounter while configuring systems. I am happy to say that everything went very smoothly and, though there was a small period of acclimatizing to new processes, surprises were few and far between.

