

# 2011 Courthouse Construction / Renovation & Technology Conference

May 24-26, 2011

College of William & Mary, School of Law  
Williamsburg, Virginia

## Tuesday, May 24, 2011

12:00 p.m. – 12:30 p.m.	<i>Registration</i>	
12:30 p.m. – 2:30 p.m.	Welcome / Opening Remarks/Lunch/Exhibits	Fred I. Lederer
2:30 p.m. – 2:45 p.m.	Technology Issues Facing Courthouses	Martin Gruen
2:45 p.m. – 3:30 p.m.	- Migration from Analog to Digital Video	Extron
3:30 p.m. – 4:15 p.m.	- Mass Notification Systems	Biamp
4:15 p.m. – 5:00 p.m.	- Integrated Justice	Cisco

## Wednesday, May 25, 2011

8:15 a.m. – 9:00 a.m.	<i>Coffee Service</i>	
9:00 a.m. – 9:10 a.m.	Good Morning / Welcome	Martin Gruen
9:10 a.m. – 10:45 a.m.	The Construction Process (a Techie View)	Jim McMillan
10:45 a.m. – 11:00 a.m.	<i>Coffee &amp; pastries</i>	
11:00 a.m. – 12:30 p.m.	Experiences – Architectural View	Annie Sauser
12:30 p.m. – 1:30 p.m.	<i>Lunch</i>	
1:30 p.m. – 3:00 p.m.	Experiences – Court View	Dave Bartee & Michelle Duarte
3:00 p.m. – 3:15 p.m.	<i>Coffee &amp; snack</i>	
3:15 p.m. – 5:00 p.m.	Lessons Learned – Technology Planning	Panel

## Thursday, May 26, 2011

8:15 a.m. – 9:00 a.m.	<i>Coffee Service</i>	
9:00 a.m. – 9:10 a.m.	Good Morning / Welcome	Martin Gruen
9:10 a.m. – 10:45 a.m.	Technology Planning & When to Do It	Martin Gruen
10:45 a.m. – 11:00 a.m.	<i>Coffee &amp; pastries</i>	
11:00 a.m. – 12:00 p.m.	Ask the Panel	Panel
12:00 p.m. – 12:30 p.m.	Conference Wrap-up	Fred I. Lederer

Panel = Martin Gruen / Jim McMillan / Annie Sauser / Dave Bartee / Michelle Duarte

### **Technology Issues Facing Courthouses**

**Martin Gruen**

There are many new technologies or technology changes that radically affect the state of courtrooms and courthouses as we move forward through the 21<sup>st</sup> Century. Identifying these and the new impact they will have on courthouse construction is vital. This session will identify several of these issues setting the tone for the rest of the conference and all future construction projects.

### **Migration from Analog to Digital Video**

**Extron**

Video is universally migrating from analog to digital. The signal from cameras; the signal to monitors; even laptop computers are all changing the format and altering the way video is processed and routed within our courtrooms, courthouses and throughout the world of justice. This session will discuss digital video and the processing concerns that it presents to the courts. The material will be presented by a manufacturer to present the issues and their solutions as an example of how the AV industry is addressing the situation.

### **Mass Notification Systems**

**Biamp**

Mass Notification Systems (a.k.a. Emergency Communication Systems) provide real-time information to all building occupants or personnel in the immediate vicinity of a building during emergency situations. Communication plays a crucial role in ensuring safety. A clear and direct command during an emergency prevents chaos and minimizes possible casualties. This session will review one solution to this need, as an example of this fast growing technology solution. Vocia, by Biamp, delivers the scalability, flexibility and intelligibility required to meet the global life safety standards and requirements. Vocia was built from the ground up to deliver a networked, decentralized, no-single point of failure voice evacuation. This standard is aimed specifically at ensuring that voice alarm control and indicating equipment provides the best possible communication within public facilities.

### **Integrated Justice**

**Cisco**

The Cisco Connected Justice session will present how courts are becoming more efficient and effective by featuring how select courts have applied technology to transform the way courts administer justice. We will explore the implications of this technology to IT, court administration, and court construction.

### **The Construction Process (a Techie View)**

**Jim McMillan**

A key element of any construction process is the program. If the program is wrong, the project will not meet the expectations of the Court. This session will explore the entire construction process, not as an architect sees it, but from the eyes of a technology and process planner.

### **Experiences – Architectural View**

**Annie Sauser**

It has been said, when it comes to construction projects and technology, if one can be successful in including technology into a historic structure, you can do it anywhere. This session will discuss several historic courthouse projects where technology has been implemented within the historic framework. Coming from the architect's point of view, the presenter will identify the challenges, issues and successes that made these projects the accomplishment that they are.

**Experiences – Court View****Dave Bartee & Michelle Duarte**

The courthouse construction projects in Fairfax, Virginia and Watsonville, California are two examples of the huge number of courthouse construction projects occurring throughout the United States. Dave and Michelle will present their projects and share the “trials and tribulations” as well as the overall success of these projects. Both construction projects have been in operation for about one year, so the discussion will also provide insight into how these issues and decisions have affected operations within the courthouses.

**Technology Planning & When to Do It****Martin Gruen**

Planning for technology is critical to a successful technology installation. Technology decisions need to be addressed as early in the process as possible due to the impact on all other areas of construction that these decisions present. The placement and type of hardware will often dictate millwork design; Infrastructure requirements are critical to the overall electrical plan; and the list goes on. This session will help attendees learn to identify their technology needs and plan the impact on the rest of the project.

**Lessons Learned****Panel**

This session will be a discussion of the important lessons that the presenters have learned through their projects. The goal is to “save” the conference attendees from the same issues they have experienced and to provide ways to avoid the issues.

**Ask the Panel****Panel**

This session is an open forum to allow the conference participants to ask questions of the presentation panel. The goal is to attempt to provide real-life solutions to common problems.