Course Name: Video Processing Necessities

Sponsor: Leyard and Planar, a Leyard Company

CTS Renewal Units: 0.5 CTS or 0.5 CTS-D

Course Description:
The Video Processing Necessities Course discusses how to determine what interfaces and number of input/outputs are needed for a processor, how to display content on a video wall and valuable engineering tricks for displaying content. The course begins with a basic overview of video processing features and capabilities. We then take a deep dive into understanding all interface options that are available for video processors, and how to determine which interface is best for your application. From there, we cover four different video wall-processing categories and how content is sent to each. We then test our knowledge with two unique video wall arrays by having to determine how these walls are driven and what is needed to do so. Lastly, we cover inexpensive products and devices that eliminate the need for a high-end video processor in certain case scenarios. Upon completion of this course, attendees will receive xxxxx credit.

Course Time: 1.0 Hour

Learning Objectives:
At the end of this course, attendees will be able to:

1) Recognize and understand the various interfaces available
2) Determine which category their video wall falls under based off the application
3) Problem solve unusual video wall arrays' processing needs
4) Recall what inexpensive processing alternative are available for certain case scenarios

Sponsor Information:

Leyard is a global leader in the design, production, distribution and service of digital displays, video walls and visualization products worldwide. The Leyard Group of companies and brands, which includes Planar Systems acquired in 2015, is comprised of displays, entertainment and lighting system solutions. Leyard is the number one market share leader in the LED display market and fine pitch LED and offers indoor, outdoor, fixed and creative displays (Futuresource 2017). Used in applications such as broadcast, sports arenas, stadiums, advertisement networks, retail digital signage, control rooms, exhibitions, large scale events and digital cultural experiences, Leyard enjoys marquee installations globally and has over 300 patents in display technology. Founded in 1995, the group is headquartered in Beijing, China, and is traded on the Shenzhen Stock Exchange (stock code: 300296). *Forbes* magazine (2013) named Leyard among "China's Top 100 Most Potential Listed Companies." For more information, visit www.leyard.com.