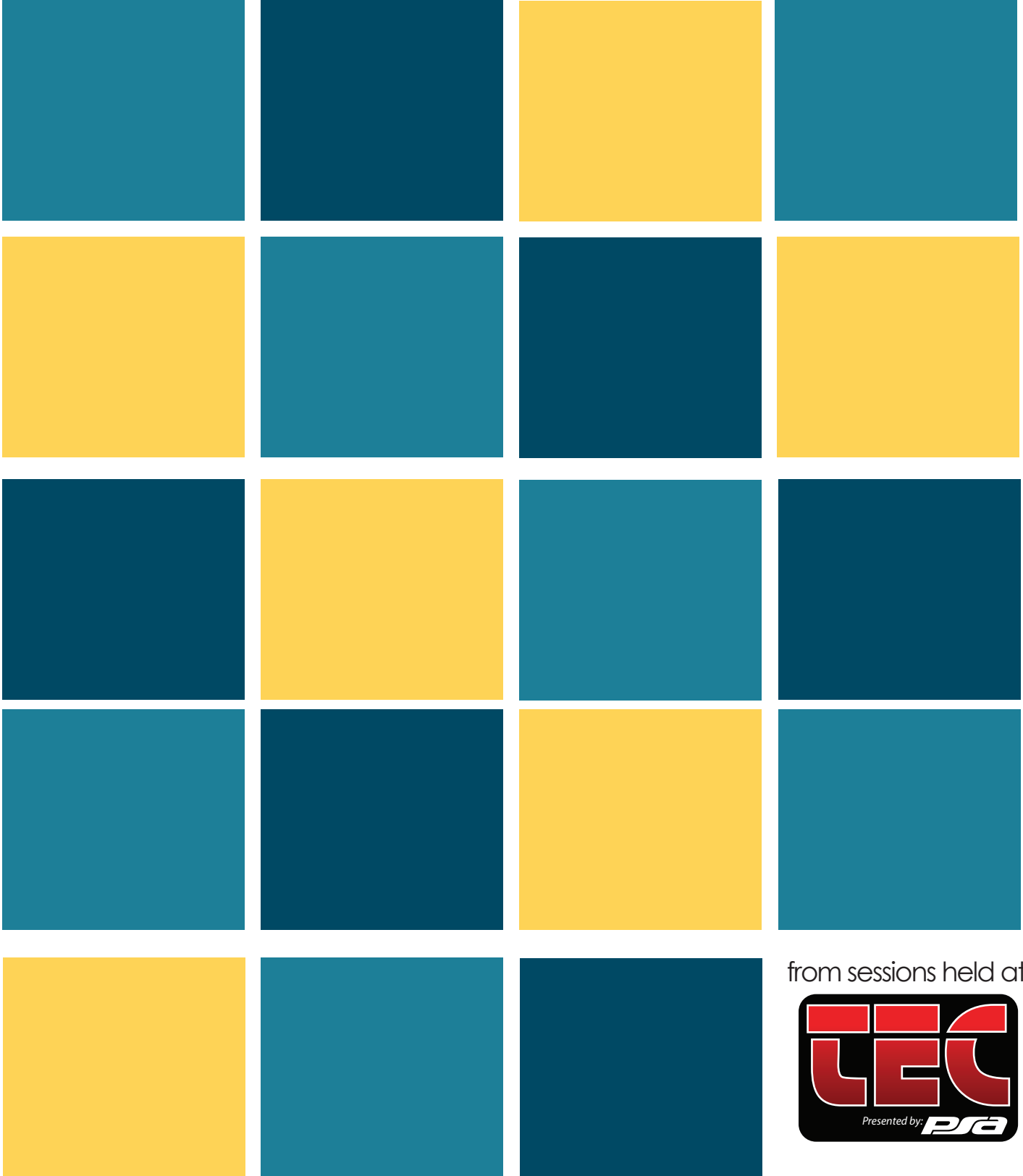# PSA committee TECHNICAL

An Industry Synopsis of Physical Security Technology

from sessions held at

TEC

Presented by: PSA

Presented by the PSA Technical Committee, this roundtable was designed to provide insight on the key technologies driving the industry today and the potential impact these technologies will have on physical security in the future. Attendees participated in a facilitated discussion and evaluation of the current capabilities of these technologies and the future potential value or limitations of these technologies. With an increased understanding of where current and future products provide value, integrators can better invest in the appropriate competencies and have more valuable interactions with their customers. Integrators in attendance contributed the findings shared in this document.

During this session attendees divulged into interactive dialogues regarding video surveillance, access control, intrusion systems, and mobile applications (which was discussed within each of the other 3 main topics), through an interactive dialogue amongst industry peers in which attendees shared ratings on perceived value of each technology on a scale from 1 to 5, with 5 being a high rating based on current use and intended future use.

Moderated by David Sime, VP of Engineering for Contava & 2014 Chairman PSA Technical Committee.

VIDEO SURVEILLANCE HIGHLIGHTS

Survey results regarding video surveillance revealed that this product class in general did not meet integrators expectations for the current capabilities and offerings. However, the RMR model was reported to increase for survey respondents through added monitoring type services and is starting to gain traction and service contracts. Attendees determined that using video surveillance in specific applications using a "talk-down" audio feature has been very effective as an added deterrent. Some of the greatest concerns integrators shared in working with video surveillance were reported as issues with cross manufacturer support of analytics in cameras working with third party video monitoring systems. Many attendees felt that past video analytics technologies have not proven to be very useful to date but the technology is moving towards the leading edge solutions. Attendees shared ratings on perceived value of each technology based on current use and intended future use. See table: (Rating   1 = Low; 5 = High)

		Rating 1 = Low; 5 = High	Rating 1 = Low; 5 = High
Video Surveillance	**Comments**	**Current Value**	**Future Value**
Video Management System	Expect the VMS to be the main GUI	4	5
Cameras	VMS integration is the challenge looking forward; Customization makes this difficult	4	5
Servers & Storage	No additional comments	4	4
Video Analytics	Still considered oversold, under delivered; many have looked at, few implemented	2	5
Mobile	Security big issue; security; cost & security are issues	3	5

ACCESS CONTROL HIGHLIGHTS

Attendees determined the top access control systems to be aware of would consist of door hardware including the use of biometrics. Audience expressed they were grappling with door hardware as having some conflicts or challenges today with IT integration. Many stated that they felt hardware selection was a huge issue and high maintenance is necessary in such means as servicing the battery. Overall consensus was that hardwired door hardware provides more versatility and security in the present time.

- Biometrics was considered to be one of the most promising technologies; however it remains to be viewed as costly and may not meet current customer needs. Current trends with biometrics include a multi-factor authentication system for greater security.

- Below is the overall evaluation of Access Control Technologies from attendees: (Rating 1 = Low; 5 = High)

Rating 1 = Low; 5 = High			
Access Control	**Comments**	**Current Value**	**Future Value**
Access Control Systems	No comments	4	4
Readers	Stagnation	4	4
Credentials	No comments	4	4
Door Hardware	lots of potential	4	5
Biometrics	No comments	3	5
Mobile	Mobile should grow; Concerns with network security/license cost	3	4

INTRUSION SYSTEM HIGHLIGHTS

Attendees suggested that current intrusion systems are meeting the needs of integrators and end users, but has greater future potential with the development of more effective intrusion management systems, more sensitive sensors and detectors, and stronger perimeter detection solutions. Below is the overall evaluation of intrusion systems from attendees: (Rating   1 = Low; 5 = High)

Rating 1 = Low; 5 = High			
Intrusion	**Comments**	**Current Value**	**Future Value**
IMS	No comments	4	4
Sensors/Detectors	No comments	4	5
Perimeter Detection	Future of analytics	3	5
Mobile	No comments	3	5

CONCLUSION

This session provided attendees with a starting point to help their companies determine the best approaches to evaluating current technologies and where the technologies have future potential or value and where these security solutions can deliver value to integrators and to the end users. Ultimately, attendees determined that mobile applications for each product classification emerges as an essential element of security system deployments and it seems as though everyone wants full mobile device control. Mobile technology is assisting integrators with closing more sales and providing greater business opportunities.