Software Technologies Distinguished Lecture Series 2008/2009

Florida Gulf Coast University

Holmes Hall 224

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Diversity and Integration of Computing Technologies in a Modern Airport

Abstract. Two events in recent history changed Information Technology in airports internationally. "Y2K" year 2000, revealed airports averaged 32 systems with separate maintenance contracts. This led to system integration under Information Technology. 9-11 changed airport security, as new complex security technologies developed it became necessary to integrate business systems with security systems. Saudi Arabia is investing billions to upgrade 27 airports, they are integrating security and business systems. The talk will explore challenges of integrating Biometric Security Access, radar (used in perimeter security), CCTV analytics that detect high speed threats, with IP telephony and business systems used to operate a modern airport.

Speaker's Bio. Robert C. Smallback Jr. has joined the Lee County Port Authority as information systems manager in May 1998. Until his retirement in April 2008, he managed the IT department, which is responsible for the Port Authority's day-to-day business computer activities at Southwest Florida International Airport and Page Field General Aviation Airport. Smallback has more than 20 years of computer and information systems experience. He served as data processing manager for the City of St. Cloud, Fla., was president of PS Software in Kissimmee, Fla., and directed information services for the Orange County Sheriff's Office in Orlando. He has also served for three years as the New Technologies Committee Chair for the American Association of Airport Executives. Currently, he consults for IT security internationally. He holds a bachelor's degree in business administration from Troy State University in Alabama.