

สมาคมวิศวกรรมสถานแห่งประเทศไทย ในพระบรมราชูปถัมภ์ (วสท.)

วิศวกรรมแห่งชาติ 2011 National Engineering 2011 งานสัมมนา เรื่อง การป้องกันเหตุการณ์จลาจล และการก่อการร้าย

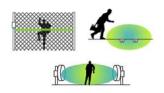
"เทคโนโลยีระบบอุปกรณ์รักษาความปลอดภัยอาคาร"

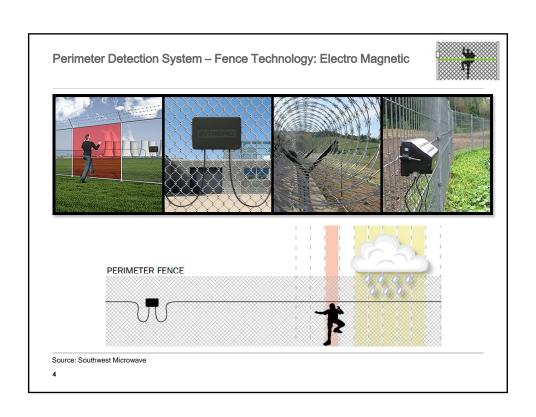
รพีรัฐ ธัญวัฒน์พรกุล
Honeywell Systems (Thailand) Ltd
LEED AP Building Design + Construction
อบุกรรมการวิชาการ สมาคมวิชากรรมปรับอากาศแห่งประเทศไทย
อบุกรรมการจัดทำหลักเกณฑ์การประเมินอาการเขียว สถาบันอาการเขียวไทย
Research & Promotion Committee, ASHRAE Thailand Chapter

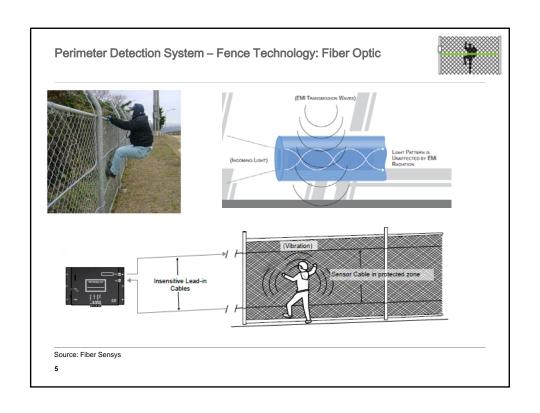
Agenda

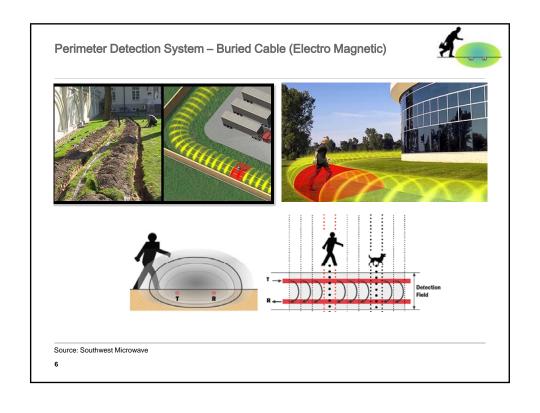
- 1. Perimeter Detection System
- 2. Access Control System
- 3. Video Surveillance System
- 4. Security Management System

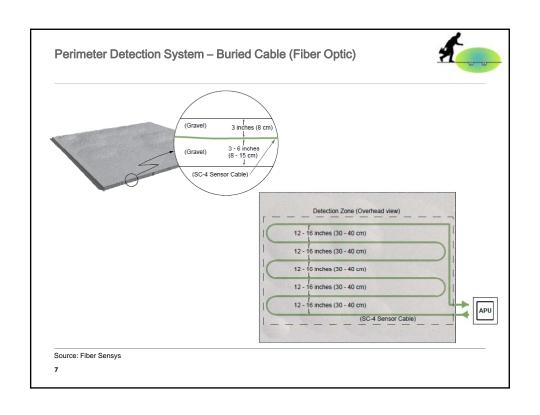
Perimeter Detection System

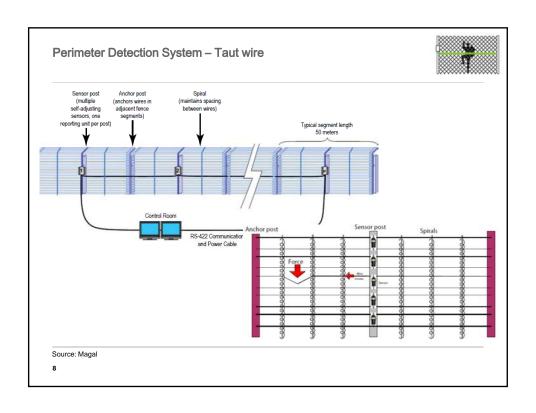


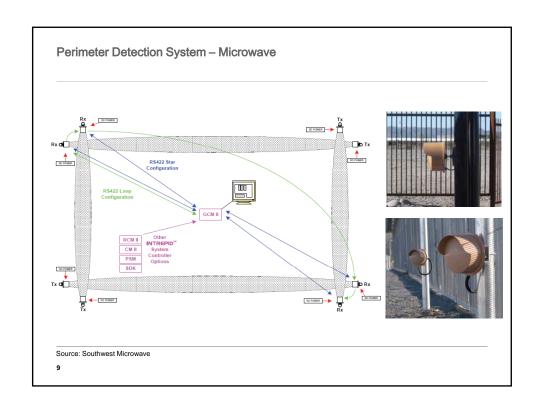


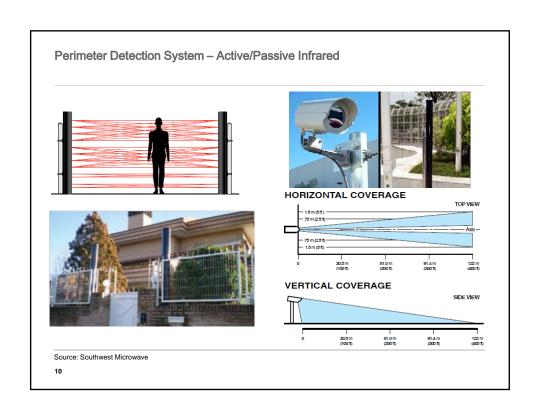




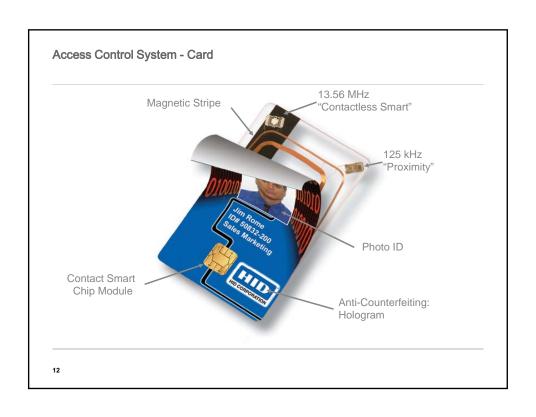


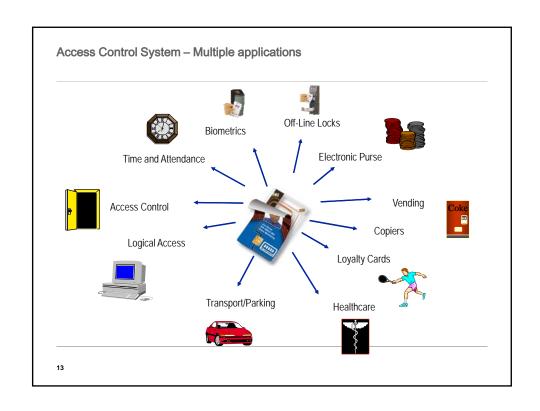


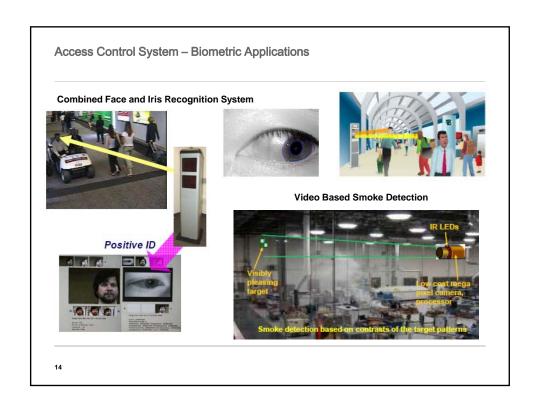


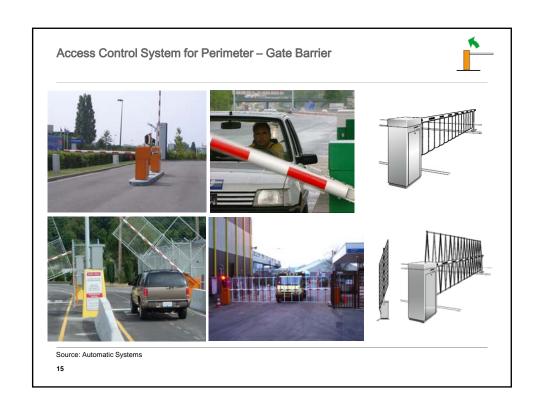






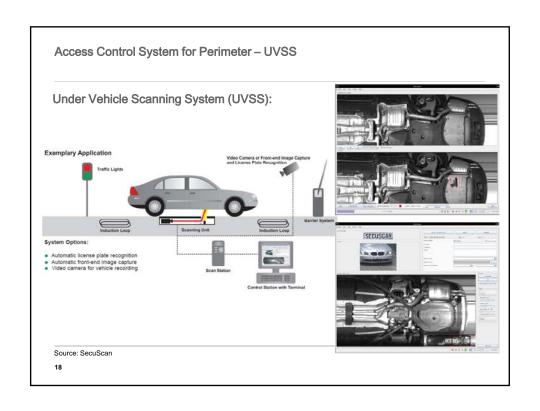
















Access Control System for Perimeter – High Security Gates



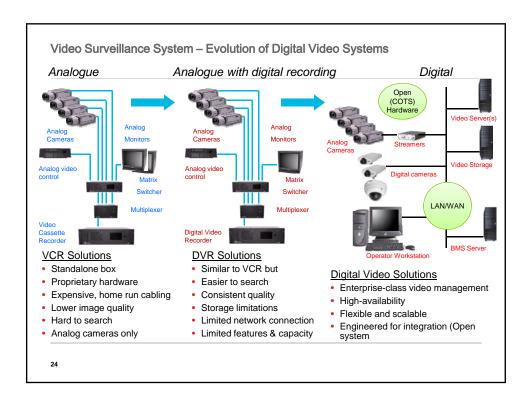


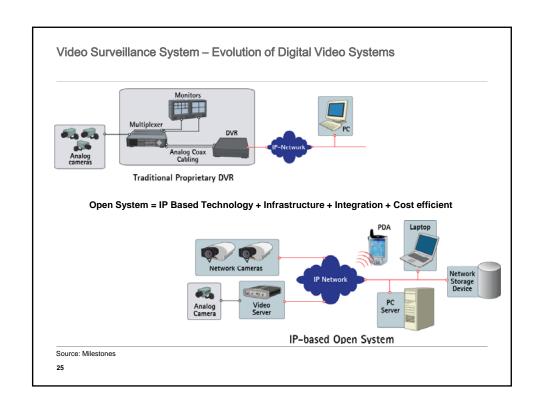


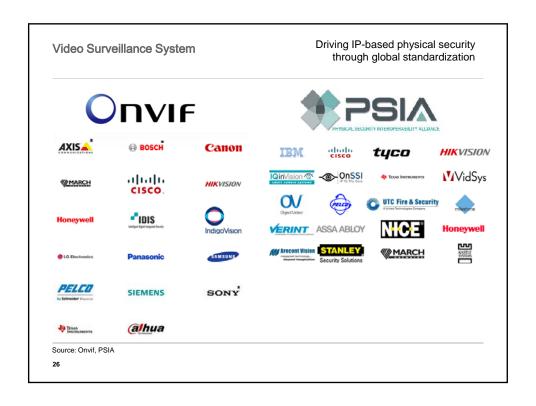
Source: Gunnebo

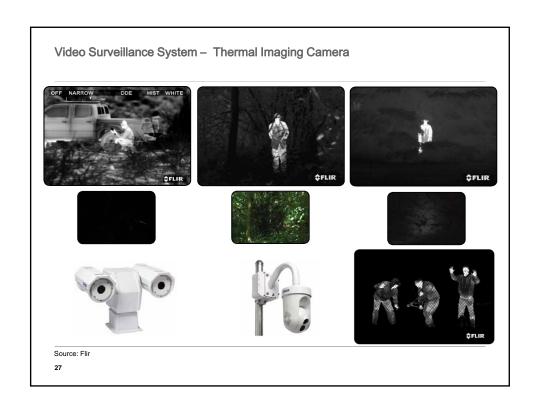


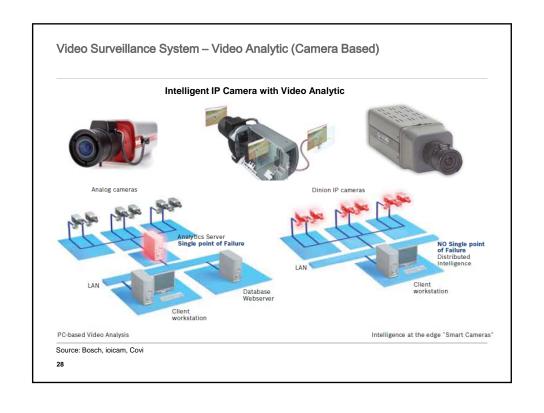
Video Surveillance System

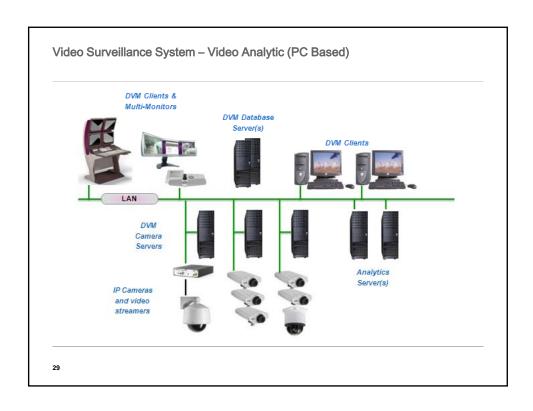


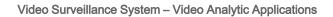
















Perimeter Monitoring

Purpose: To detect intrusion across the perimeter (e.g. fence, gate, virtual perimeter line)



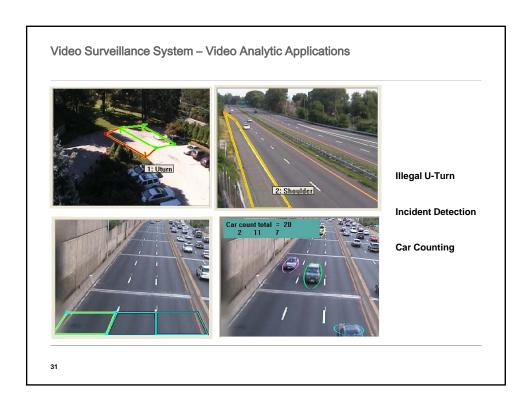


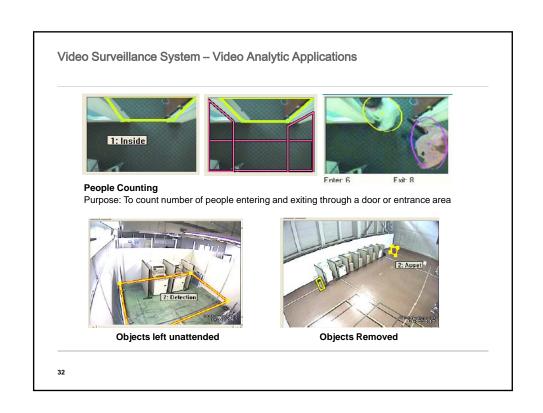
Wrong Way Detection

Purpose: To detect wrong-way travel when a person or a vehicle does not follow the designated travel direction.

General Intrusion

Purpose: To detect intrusion into certain area – e.g. detect people (or vehicles) who show up at places where they shouldn't be.





Video Surveillance System - Video Analytic Applications



Detect Possible Theft - Retail Scenario

Purpose: Detect suspicious shopper behavior when the shopper reaches in the shelf to grab merchandise for an excessive number of times within a short period.









Source: Nextiva

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Security Management System

