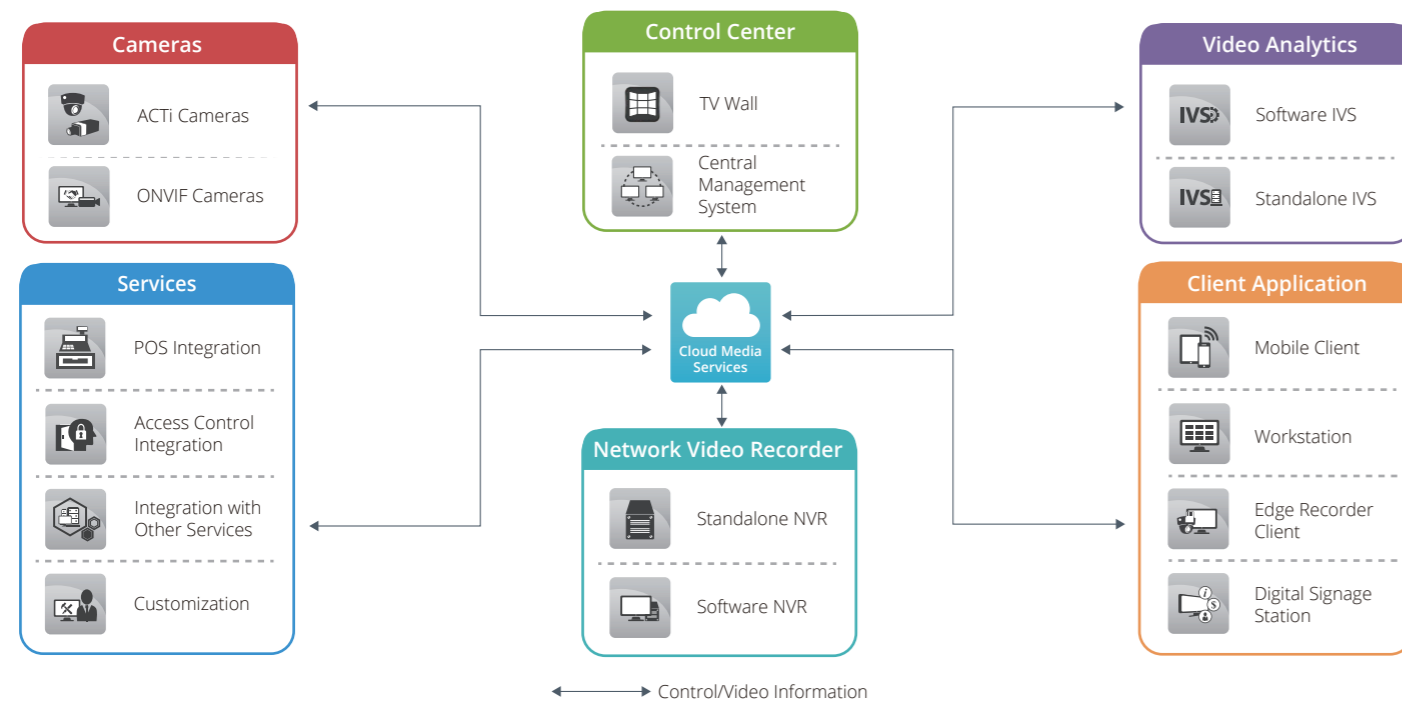## WHY ACTi?

ACTi's Unified Solution - one stop shop solution provider - incorporates the following features:

- ACTi's queue management video analytics is an in-house developed algorithm and therefore could be further customized for special projects together with detailed reports.
- ACTi's intelligent video surveillance server enables you real-time event notifications and video data analyses for business intelligence.
- ACTi's Unified Solution has high flexibility for customization to extend applications beyond IP video surveillance.
- ACTi's Unified Solution eases migration from analog to IP surveillance through the use of IP Video Encoders.
- ACTi's Unified Solution is a scalable solution based on different project-size requirements, from small businesses to enterprises.
- ACTi offers project customization and feasibility evaluation for special project requirements.

ACTi UNIFIED SOLUTION

Cameras
- ACTi Cameras
- ONVIF Cameras

Services
- POS Integration
- Access Control Integration
- Integration with Other Services
- Customization

Control Center
- TV Wall
- Central Management System

Network Video Recorder
- Standalone NVR
- Software NVR

Cloud Media Services

Video Analytics
- IVS Software IVS
- IVS Standalone IVS

Client Application
- Mobile Client
- Workstation
- Edge Recorder Client
- Digital Signage Station

◄───► Control/Video Information

ACTi | Connecting Vision

QUEUE MANAGEMENT
Retail Solution - Video Analytics

- Real-time Service Alert
- Congestion Management
- Purchase Tracking Management
- Product Consultation Optimization

ACTi | Connecting Vision

Global ACTi Corporation
Tel: 886-2-2656-2588 Fax: 886-2-2656-2599

US/Canada ACTi Corporation Inc.
Toll Free : 1-866-410-ACTI (2284)

www.acti.com   sales@acti.com

Visit our Retail webpage now!

SWR-150317-002

CHALLENGES IN RETAIL

Real-time Service Alert

Monitor the check-out waiting line and notify cashier to service customer right away.
Using ACTi's queue management in supermarkets, you can:
· Service customer without delay. Through queue length and dwell time data analysis, customer waiting time can be effectively reduced by redirecting customers to proper waiting lines for traffic balancing.

Congestion Management

Identify the average waiting time and count the number of people or vehicles to optimize navigation.
Using ACTi's queue management in a department store, you can:
· Set barriers to navigate people in heavy traffic hours according to the congestion analysis by ACTi's queue management. This data gives you statistics and snapshots for customer experience improvement.
· Broadcast to remind and warn customers where the congestion is taking place, so that customers can use different pathways, if required.

Purchase Tracking Management
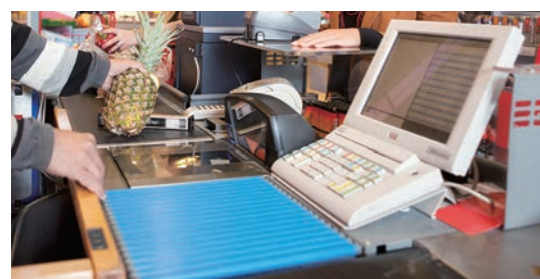
Ensure that there are no missing products between the number of products lined up at the check-out and the point-of-sales system records in a transaction.
Using ACTi's dwell time in check-out, you can:
· Count the number of products a customer purchased as evidence if there are any complaints from the customer after leaving stores or supermarkets.

Product Consultation Optimization

Optimize the time each customer needs for product consultation.
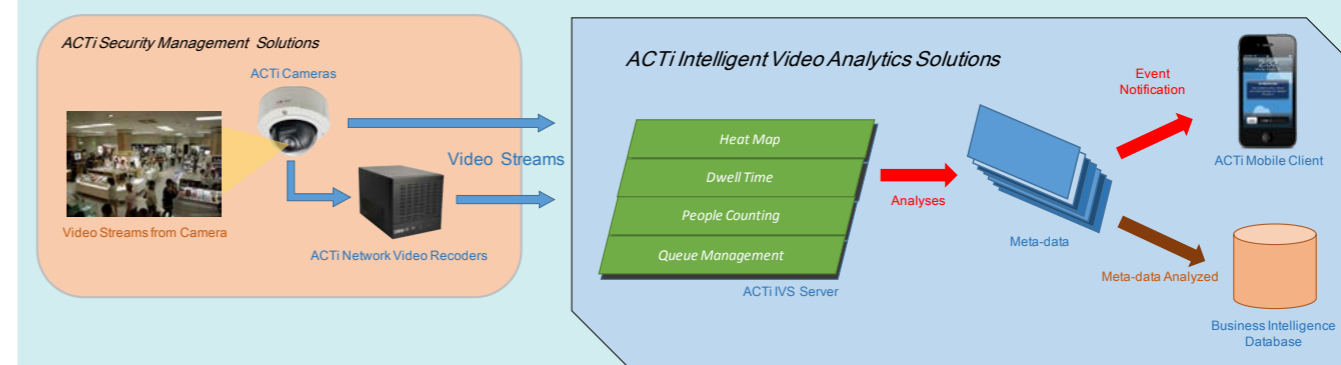Using ACTi's queue management in a store, you can:
· Be alerted if a customer spends too much time talking to one specific employee for product consultation.
· Improve promotion strategy by comparing the time used to promote specific products.

HOW DOES ACTi QUEUE MANAGEMENT WORK TO INCREASE YOUR PRODUCTIVITY?

+1   30 seconds
Region of Interest

+1   150 seconds
Region of Interest
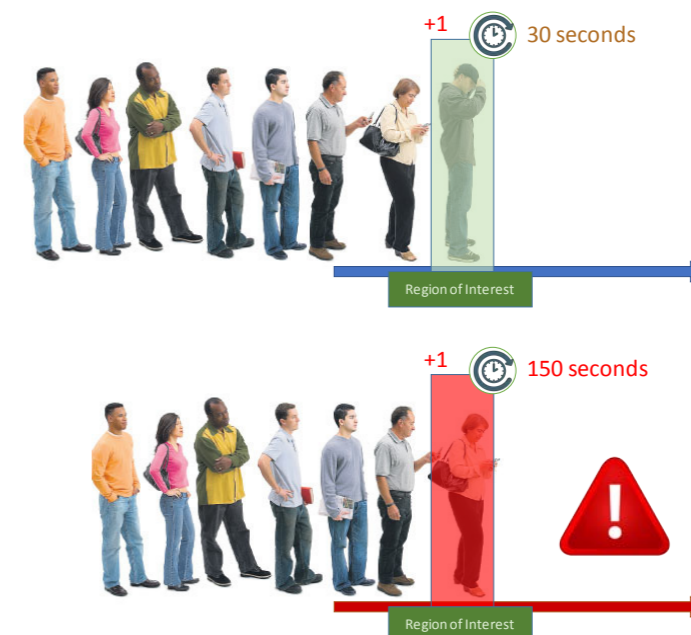
ACTi's queue management counts the number of objects and the time they stay in an area based on the region set by store managers. The objects could be a customers or vehicles. Store managers can also set a pre-defined alarm period so that ACTi's queue management is capable of notifying the store manager when an unusual object stops at the queue. ACTi's queue management can also generate demographic reports to analyze the trend in specific store applications.

HOW DOES ACTi QUEUE MANAGEMENT CONNECT TO REPORTING SYSTEMS?

ACTi Security Management Solutions
ACTi Cameras
Video Streams from Camera
ACTi Network Video Recoders
Video Streams

ACTi Intelligent Video Analytics Solutions
Heat Map
Dwell Time
People Counting
Queue Management
ACTi IVS Server
Analyses
Meta-data
Meta-data Analyzed
Event Notification
ACTi Mobile Client
Business Intelligence Database

ACTi's queue management analyzes video streams from cameras or network video recorders to generate descriptive data information for each imaginary grid on the video. This data information, or meta-data, can be further processed and compared to trigger notifications to mobile devices if pre-defined conditions are met. Meta-data can also be saved and processed through analysis tools to provide demographical information, which can be used to further refine your subsequent business operation.

WHAT DOES ACTi OFFER FOR VIDEO ANALYTICS?

ACTi offers IP cameras and standalone servers embedded with video analytics technology, such as heat map, dwell time, queue management, people counting, license plate recognition, etc., to resolve challenges for different applications. ACTi's video analytics technology can run on power limited devices, such as cameras with people counting software, or on highly integrated multi-functional servers, such as parking lot management software used to meet specific requirements, including multiple system integration and resource optimization.

ACTi Video Analytics

IVS	Cameras
IVS	Software IVS
IVS	Standalone IVS