

Services in Hospitality Data mining, Video Content Analytics

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Introduction



EPI SYSTEMS SA

Company is related with informatics projects on the following areas

- Hospitality Solutions
 - Cloud Software starting from small up to very large hotels
 - Interactive TV, thematic content
 - Digital Signage over cloud
 - Hot spots
 - Voice over Wi-Fi
 - RFID in Hotels
 - smart surveillance systems
 - Hotel with no cabling infrastructure?... We have the solution
- Infrastructures
 - Outdoor Luminaire Controllers
 - Microcontrollers
 - High-tech security systems
 - Video content analytics for security and marketing



Cloud Software for small and large Hotels

An easy, fast, and safe solution

- Central Management of hotel services through cloud
- Fast and easy deployment
- Security of data
- Accessible from any device, any place, any time
- YOU NEED JUST INTERNET COMPUTER AND A PRINTER

http://www.mycloudhospitality.com/





Interactive TV, thematic content

Make your smart TV, intelligent

- Solution for small and large Hotels
- No need to change your TV systems
- Central Management though hotel intranet

Features

- Information about hotel
- Interactive maps
- Multimedia Content
- Games
- Ordering system







Digital Signage over Cloud

Advertise professionally your services!

- Solution for small and big Businesses
- Central Management through cloud
- Deployment of the signage on multiple devices

Features

- Images
- Text
- Videos
- Sounds
- Rss

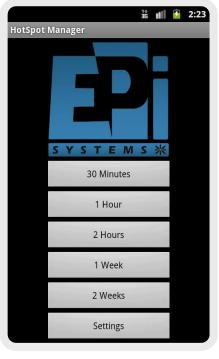


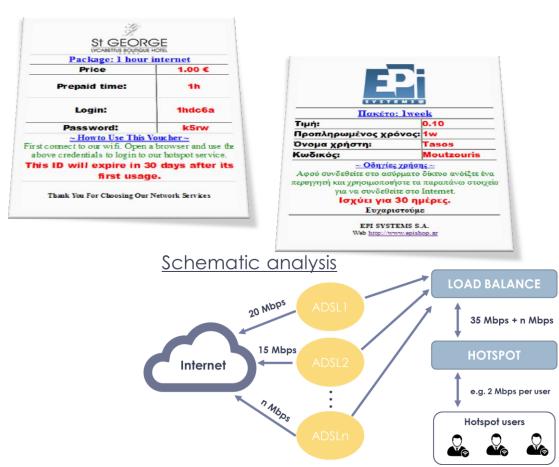






Wi-Fi Hot Spot services











RFID in Hospitality









Less human interference, less mistakes



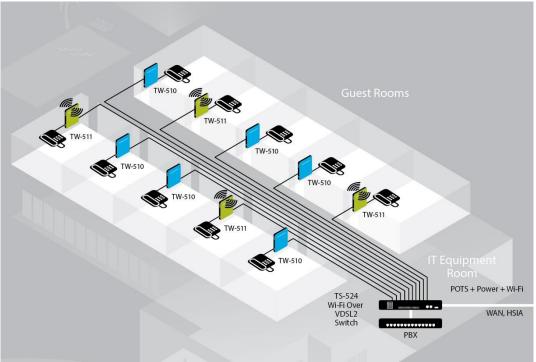
Smart surveillance systems





Hotels with no cabling infrastructure You don't have to worry





Infrastructures



Outdoor Luminaire Controllers

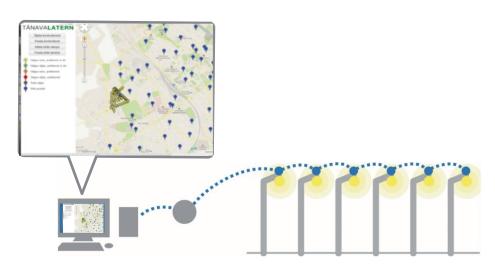
Think Green Then act Green and save energy & money

Total Control of Lighting!

- Central Management though cloud
- Grouping of lights and Grouping schedules
- Control of electricity consumption and maintenance schedule

Features

- Human Detector
 - human presence
- Traffic Flow Detector
 - traffic density
- Road Surface Detector
 - dry/wet/snow



Infrastructures



VCA Data Mining

Extending simple CCTV to intelligent Marketing Tool!

- Installation and customization of CCTV with algorithms
- Data Collection from Algorithm Metadata
- Design and Implementation of software based on customer needs

Areas of Use

- Malls / Stores
- Parking areas
- Airports
- Traffic Lanes
- Company Buildings
- Industrial areas











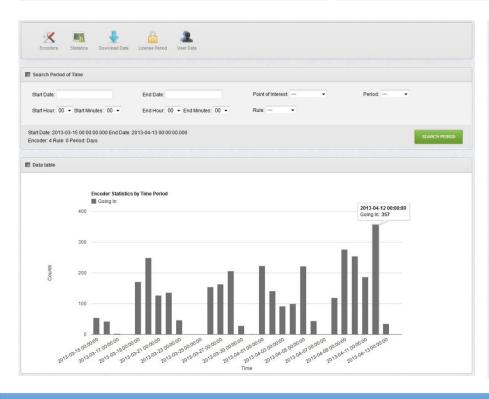


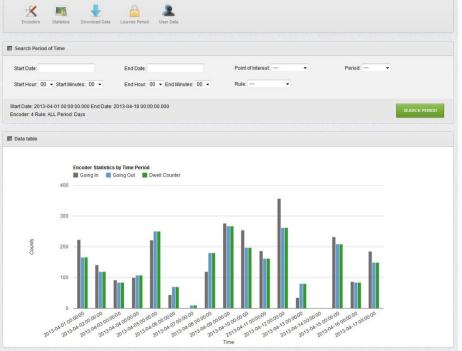
Infrastructures





A/A	Dwelling Times (sec)	GA1-8			GA9-13			GB19-31			GB3-11			GB12-15		
		Max Time	PAX	Percentage	Max Time	PAX	Percentage									
	0(sec) - 5(sec)	4.921sec	2526	62.393 %	4.999sec	1084	74.985 %	4.99sec	2407	64.745 %	4.995sec	1592	35.658 %	4.999sec	625	40.665 %
	5(sec) - 10(sec)	9.965sec	709	17.521 %	9.87sec	204	14.09 %	9.991sec	674	18.134 %	9.999sec	1129	25.273 %	9.981 sec	228	14.815 %
	10(sec) - 20(sec)	19.713sec	588	14.53 %	19.555sec	107	7.403 %	19.898sec	294	7.897 %	19.996sec	811	18.158 %	19.982sec	236	15.344 %
	20(sec) - 30(sec)	28.508sec	156	3.846 %	28.505sec	34	2.328 %	29.847sec	122	3.284 %	29.973sec	332	7.427 %	29.961sec	138	8.995 %
	30(sec) - 60(sec)	40.78sec	69	1.709 %	54.27sec	15	1.015 %	59.206sec	158	4.263 %	59.999sec	424	9.5 %	59.609sec	189	12.32 %
į.	60(sec) - 3(min)	Osec	0	0 %	1.1 min	3	0.179 %	2.6min	61	1.642 %	3min	172	3.843 %	3min	117	7.634 %
	3(min) - 6(min)	Osec	0	0 %	Osec	0	0 %	3.3min	1	0.035 %	5min	6	0.14 %	4.7min	3	0.227 %
	6(min) - 12(min)	Osec	0	0 %	Osec	0	0 %									
	12(min) - 24(min)	Osec	0	0 %	Osec	0	0 %									
0	24(min) - 50(min)	Osec	0	0 %	Osec	0	0 %									





Application Benefits



Cloud Solutions

- Management of multiple installations from everywhere
- Lower infrastructure and energy costs and much more safe and secure
- Easily extensible in case of increased resources needed
- Applying IoT solutions

Marketing with CCTV Algorithms

- Better understanding of the customer needs and reactions
- Better decision management, using the BI as a decision tool
- Better resource management



Thank you

