Enterprise Data Services

Hospitality & Corporate Solutions

eds

Innovative Communication Solutions

Networks & Telecoms | Physical Security | Energy & Automation | Business Applications | Multimedia

Mauritius - Seychelles - Madagascar

About EDS

For 16 years, EDS has built a solid reputation in the corporate, public sector and luxury hotels in solutions with respect to all matters relating to the transmission of voice, data and video communication tools. The various solutions proposed by EDS can be characterized in a few words: quality, economy, flexibility and reliability.

Ever present in the hospitality sector since its creation, EDS has through the years, developed an experience of the market which, today, is among our strongest assets, and also a team of professional and trained staff force. The services provided has evolved through 16 years, and today the company is proud to provide a complete range of services, from cabling infrastructure to voice, video, data, music, security, energy management and hotel mobile applications.

Table of Content

01 | Networks & Telecoms

Cabling (Voice, Data, CCTV, IPTV, A/V)

Today, the backbone of most data infrastructures is a wired solution. EDS has a 'Nexans Certified System Installer' status together with a team of highly experienced, competent and certified staff. EDS can provide structured cabling solutions based on Optical Fiber, Category 5, Category 5e, Category 6, 6a and Category 7 technology. Warranty on these cabling solutions is initially 15 years but this can be extended to 25 years through a certification procedure.

References

Anahita IRS
Four Seasons Hotels
Raffles Hotel - Seychelles
Intercontinental
Mauritius
Angsana Resort
Zilwa Hotel
Lemuria Resort -
Seychelles
Rethi Rah Resort -
Maldives

Nexans

Voice & PaBX

EDS proposes voice application solutions for Collaboration, Mobility, Contact Centers and Hospitality. We provide 2 types of technology: - Traditional PaBX Technology, with Analog phones, Digital Phones, and Wireless extensions phones. - Infrastructure, based on IP Technology. EDS helps reduce costs by saving on telecom bills, using the same cabling for voice data, and optimizing your network with both IP and TDM connectivity. Use of IP gsm gateways drastically cut down communications costs. EDS is a Direct partner with NEC and Alcatel Lucent, worldwide leaders for Enterprise Telephony, Unified Communications and Contact Centre software.

References

Club Med Albion
Club Med Canonniers
Sofitel Imperial
Sofitel So
Veranda Grand-Baie
Tamarina Hotel
Holiday Inn Airport Hotel

NEC   Alcatel·Lucent

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IPTV & MaTV

Modern hotels willing to provide magic guest experience on TV are now rolling more and more IPTV solutions. EDS is one rare company having successfully implemented end-to-end several IPTV solutions in five stars in Mauritius and Seychelles. We also provide Video on Demand and the content. Guests are made to feel at home in the hotel, enjoying HD technology associated with a rich and varied choice of programmes.

> Customised welcome
> Multilingual menu
> TV and Radios channels
> Information portal
> Films on demand
> Music and games
> PMS integration (view bill, express
  check-out, online ordering ...)

References

Raffles Hotel
Labourdonnais Hotel
Angsana Resort
Tamarina Hotel
Holiday Inn Airport Hotel

Network & Security

Design, Project management, Implementation, Support and maintenance Building an available, scalable and secure IT infrastructure with optimal performance Managed Services and Outsourcing

Solutions:
Switching & Routing
WiFi & Wireless
Firewalls
DSlams through VDSL and ADSL2+ solutions
Intrusion detection and prevention systems and content security. GPON, EPTP

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WiFi - Indoor

EDS provides in-wall access points with 300Mbps data rate, designed for hotel mainly to provide guests and roomers secure Internet access and phone line connection in their hotel room, guest room, living room and lobby.

It support 802.3af PoE, compliant with any 802.3af Power over Ethernet equipment, easy in setting and complete the full wifi coverage.

The Access Controller System (ACS) is included in this Hotel Wi-Fi Solution, make IT staff fast to manage more than 200PCS AP through PC.

WiFi - Outdoor

EDS provides outdoor access points which deliver true 10X10:3 beamforming with 10 dual polarity antennas per band and 3 spatial streams. This high-performance access points is the ideal solution for operators deploying large-scale 3G/4G data offload, Wi-Fi access and enterprise networks.

02 | Physical Security

CCTV

EDS partners with SONY Professional for intelligent security systems (www.pro.sony.eu), Milestone Systems (World Leader in Video Management Software) and with other leaders in video storage solutions.

Milestone Mobile
Keeping you close to what's important

Milestonne Mobile key features

- With the ability to monitor the security installation on smartphones and tablets, users can view and playback incidents from anywhere, and at any time to ensure areas are secure

- An add-on feature, Video Push**, allows you to extend your mobile capabilities and use your mobile device as a video evidence collector. This feature enables you to push live video from your device's camera directly into the XProtect system giving immediate awareness of incidents no matter where they occur

- All communication between the Milestone Mobile client and server is encrypted, ensuring superior security

References

Sofitel So
MCB St Jean
Le Suffren Hotel
Azuri IRS
Centara Hotel
Holiday Inn Airport Hotel
Mauritius Duty Free Shops
Food Lovers - Bagatelle
Food Lovers - La Croisette
Ministry of Social Security
Avipro

Perimeter Security

EDS proposes high-level Perimeter Security Systems to match with the specificities of economic, strategic and safety stress of sensitive sites.

Our product range is based on several technologies :

- Infrared barrier
- Shock detection system
- Active Fence
- Dual-technology sensor
- Video motion analyser
- Thermal camera
- Telemetric infrared laser detector

Access Control & Time Attendance

In direct partnership with world leading manufacturers like Suprema and KABA-Saflok, Enterprise Data Services provides Design, Installation and Commissioning of integrated security solutions

Door Locks & Safes

Through its partnership with KABA-Saflok (www.kaba-saflok.fr), a world leader in Door Lock systems and Safes, EDS provides sophisticated locking systems for hotels such as keyless access control systems as well as RFID Technology.

References

Domaines des Alizées
VLH – Palmar Hotel
Holiday Inn Airport Hotel
The Oberoi

Fire Alarm

EDS proposes fire alarm solutions like commercial fire systems, smoke and gas detection, personal protective equipment, and remote healthcare monitoring. Our innovative products, integrated system services make life safer, more comfortable, more secure and more productive in every corner of our world.

Online Door Locks

Check-in options

Give your guests a better experience by providing secured check-in options which deploy on all major e-lock systems.
No line, no waiting, your guest can now go directly to their room.

iPhone - Android - Windows phone - Blackberry

Metal Detection

EDS offers a full range of detection and identification solutions designed to leverage advanced technology to help defend "soft" hospitality industry targets.

EDS's explosives, narcotics and chemical, radiological, and nuclear (CBRN) detection systems are deployed in a variety of screening functions to help protect people, baggage and delivery vehicles.
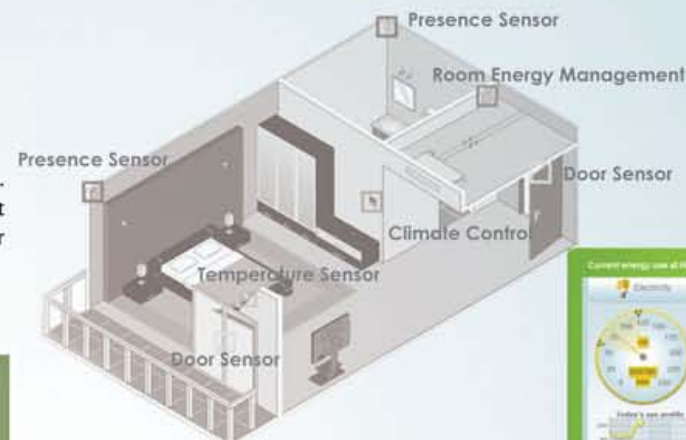
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03 | Energy & Automation

BMS

Energy Management Reduction of carbon emissions is a major concern for every country. Our aim is to contribute to this goal by controlling and monitoring electricity in an intelligent way, enabling enterprises, Government and other sectors to make significant savings in their electricity bills.

EDS offers complete solutions to all your building and facilities needs

- HVAC monitoring and control
- Lighting Control
- Energy Usage Monitoring
- Access Control and card readers
- Security Monitoring
- Fire detection and alarm

References

ENL House
Holiday Inn Airport Hotel

EDS Energy Dashboards and Apps help customers reduce energy consumption. Installed on a facility WAN, on a display in the lobby or on a touch screen kiosk and fed by a Delta Building Automation System, the Earthright Energy Dashboard provides facility stakeholders, whether they are students, faculty, tax payers or tenants, with concrete evidence of an organization's commitment to energy conservation.

Presence Sensor
Room Energy Management
Presence Sensor
Door Sensor
Climate Control
Temperature Sensor
Door Sensor

Room Energy Management System - REMS

Our REMS are fully integrated Solutions for reducing energy usage and utility costs for the hospitality, healthcare and education industry. On a single platform REMS integrates lighting and shade control, audio/video distribution, environmental system control, asset management, room scheduling, security and more, across an entire property.

Boardroom Solutions

EDS has evolved far beyond the touchpanel and control system, becoming the definitive source for centrally and globally controlling, managing and presenting information. Control and automate the lights, drapes, screens, thermostats and AV equipment — all from an intuitive easy-to-use touchpanel, remote or custom keypad.

Background Music

In an age when solution providing is king, the TOA Corporation has responded to the needs of its customers in the professional audio field, including public address, security, voice evacuation and digital audio contracting markets with a constantly-evolving range of integrated products..

EDS by partnering with TOA is therefore able to provide a wide range of Back Ground Music and public address integrated systems.

References

St Regis, Mauritius
Holiday Inn Airport Hotel

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04 | Software Applications

Mobile Applications for Hotels

Fingi CORE is an open platform which interfaces the guest, hotel staff, and guest room, hotel, brand, and third party systems, including brand and hotel reservation systems, loyalty programs, property management systems (PMS), point of sale (POS) systems, mobile room key, scheduling systems, and promotion and redemption systems, to the guest through a mobile device app and in-room devices.

Collaboration & Helpdesk Solutions

Our collaboration server gives users, departments and entire organizations the power to collaborate intelligently and effectively. This is made possible through real time synchronization and anytime anywhere access to information, including E-Mail, Shared Address Books, Calenders and files at your desktop or your mobile device.

A help desk is an information and assistance resource that troubleshoots problems with services or products sold to any party. Corporations often provide help desk support to their customers via a toll-free number, a website or e-mail. There are also in-house help desks geared toward providing the same kind of help to a company's employees

Multi-device video conferencing

EDS provides Audio & Video Conferecing solutions in integrated systems. Our conference and boardrooms solutions include: - Video Conferencing System - A Conference System with voting capability - Touch Panels for presentations - Full HD Projectors and Projection screens - In table PCs with hide away screens - Audio systems for presentations in surround - Touch panels to control the integrated system - Matrix Systems

We continuously innovate on your behalf from broadening usability to simplify your user experience. From corporate enterprise to government, you'll receive the video solutions ideal for your organization type, size and needs
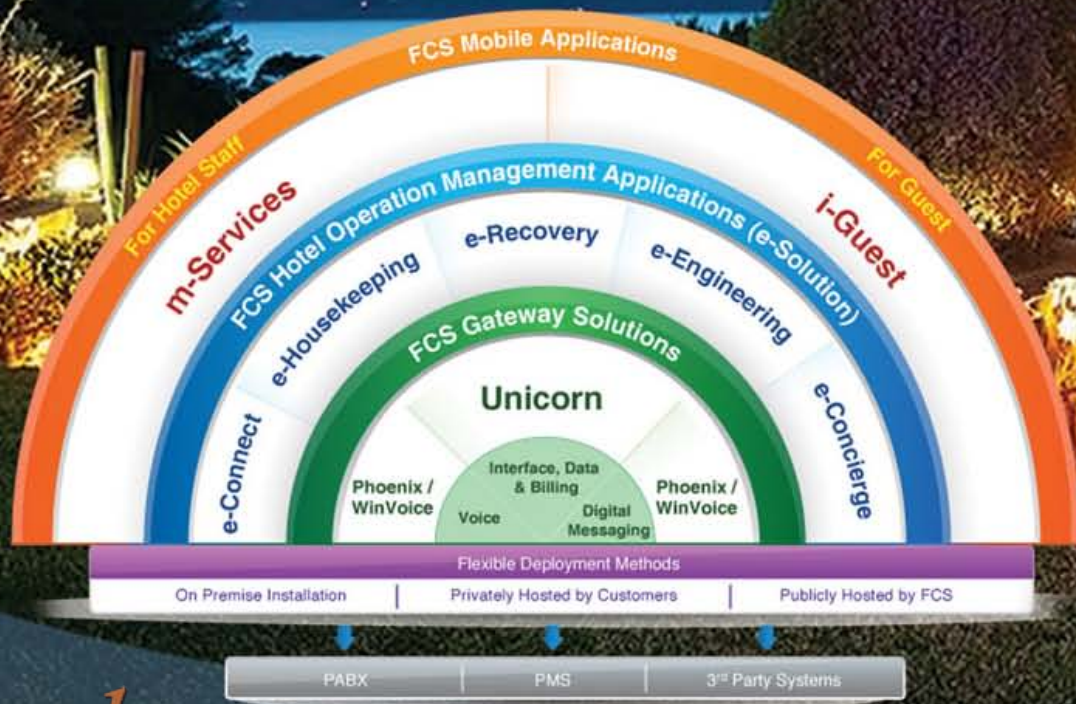
References

Holiday Inn Airport Hotel

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Hotel Applications

EDS partners with FCS, leading integrated solution to helping hoteliers in streamlining their daily operations with enhanced guest services management — guaranteeing total service satisfaction with maximized productivity while reducing costs. Thus, providing the ability to supply clients with hospitality's most advanced operational and guest satisfaction enhancing platforms.

EDS provide its client base with access to FCS' Hotel Operations Management Applications suite, comprised of e-Connect, e-Housekeeping, e-Recovery, e-Engineering and e-Concierge. The multi-language, web-based applications streamline a multitude of back-of-house and guest-facing hotel operations needs, from real-time maintenance requirements to housekeeping management to guest issue tracking and a comprehensive customer relationship management platform. The applications can seamlessly interface with the hotel industry's most popular property management systems, and can be implemented either à la carte or as the full comprehensive suite. The applications feature mobile apps, allowing hotel staff to stay connected from anywhere on property.

05 | Multimedia

Graphic Design & Flash Presentation

Find All of Your Design Solutions Right Here! We are a graphic design company offering creative graphic design solutions in print media, website development, and brand identity.

Flash presentation is a great tool to give introduction of your company profile, its products and services to prospective clients. Add that unmatched flavour, dynamism and interactivity to your presentations with EDS Multimedia team.

References

Holiday Inn Airport Hotel

3D Animation & Video

EDS Multimedia will provide you exactly what you have imagined. We are experts in architectural, character animations, prototypes, and industrial 3D products.

We provide digital video editing, video encoding and CD-Rom/ DVD production services.

Digital Signage

EDS brings visual communications to a new level with a seamless integration of computers, networks and displays to form the most powerful dynamic Digital Signage in Public Areas, Commercial Centres and much more.. We also provide Digital Signage for corporate communication at customer's premises. DYNAMIC. COMPELLING. TARGETED. Your content will always stay fresh. Deployment costs are virtually eliminated. Message updates are instantaneous.

Networks & Telecoms	Physical Security	Energy & Automation	Business Applications	Multimedia
Cabling (Voice, Data, A/V)	CCTV	Energy Management & BMS	Mobile Apps. for Hotels	Graphic &
Network & Security	Access Ctrl & Time Att.	Boardroom Solutions	Collaboration &	Flash Presentations
Voice & PaBX	Door Locks & Safes	Rooms Management System	Helpdesk Solutions	3D & Video
IPTV / MaTV	Fire Alarms	Background Music	Multi-device Vid. Conf.	Digital Signage
WiFi	Perimeter Security		FCS	
	Specialised Security			

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Hotel References

Beau-Rivage Villas	Holiday Inn Hotel
Tamassa Hotel	Four Seasons Hotel
St Regis - Le Morne	Anahita IRS
La Palmeraie Hotel	Intercontinental Balaclava
Reethi - Rah Resort (Maldives)	Raffles Praslin Hotel
Sofitel So - Bel Ombre	Labourdonnais Waterfront
The Residence	Le Suffren
The Oberoi	Le Touesrok
Créolias - Zilwa Hotel	Le Saint Geran
Sofitel Imperial - Wolmar	Paradise Cove
Le Prince Maurice	Club Med Albion
Belle Mare Plage Hotel	Club Med Cannoniers
Lemuria Resort (Seychelles)	Taj Resort
Azuri Centara Hotel	Azuri IRS

Corporate References

MDFP	Food Lovers Markets (Bagatelle & La Croisette)
Avipro	Mauritius Police Force
Ministry of Social Security	Mauritius Prisons
DCDM	MCB

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Case Study — Holiday Inn Airport Hotel, Mauritius

Introduction

Opened in December 2013 at the International Airport of Mauritius, Holiday Inn Airport Hotel is designed with 140 rooms, a swimming pool, one restaurant, five conference rooms and a reception theatre. The hotel is luxurious, modern and eco-friendly with a low carbon consumption construction and also in its day to day running.

Needs and Requirement

Holiday Inn needed to partner with a Technology Integrator capable of supplying most of their needs for Extra-Low-Voltage (ELV) as a one-stop-shop. During the tender evaluation it came out that EDS was the most obvious choice. With its 15 Years of experience EDS had acquired necessary expertise and high quality skills in delivering major hotel integrated projects in the Indian-Ocean region.

Design-and-Build

EDS gathered the detailed requirements of the hotel from the customer - the Holiday Inn operator, the consulting firms and designed the integrated ELV solution from scratch. The IP Core is built on Alcatel-Lucent Enterprise data network technology with redundancy. All services are IP connected and may be upgraded to enhance services in future. The VoIP Server is based on Alcatel-Lucent OXE with hospitality interface and Vtech Hotel SIP phones to be used in guest areas, and Alcatel-Lucent 4018, 4038 and 4068 phones are used for all admin areas.
The hotel is fully WiFi covered with Alcatel-Lucent Managed WiFi.

The IPTV middleware system is from EONA using Amino H set-top-boxes. The system provides guests easy customizable access to the hotel information menus with interface to Opera PMS.

RFID Energy Saving devices from KABA-SAFLOK are installed in each room entrance. This is complemented by IP Video security throughout the whole premises including the perimeter with Infra Red capability for all time security monitoring and Vehicle Plate Recognition feature for entrance and exit.

The ultra-modern Boardroom and conferencing systems are built around integration of CRESTRON Automation, SONY Enterprise grade projection systems and Interactive projection with Video Conferencing. All background music equipment - amplifiers, speakers, microphones etc. are from TOA, Japan.

Network design capability, VLAN management and planning are key elements to such multi-service integration and roll out.

Summary

Holiday Inn Airport Hotel, Mauritius, needed a professional technology integrator capable of meeting a very tight deadline, providing all required ELV services, managing detailed and global projects of third parties for the Property Management Systems (PMS) and the Point of Sales (POS), ensuring proper co-ordination with the different ISPs & service providers and Servers set-up .

The ability to liaise with other contractors such as the building contractor, the M & E contractor and the interior design and furniture contractors prove to be beneficial in overcoming normal construction issues.

EDS responds to those needs by providing an Innovative Technology Management Solution through Integrated Project Management, hence procuring huge savings to the promoter.

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