



IBS Inc

Innovative Business Solutions

**SOLUTIONS  
DELIVERED**



[www.ibsstlucia.com](http://www.ibsstlucia.com)  
[info@ibsstlucia.com](mailto:info@ibsstlucia.com)



1 (758) 450 4427



Bois D'Orange  
Saint Lucia

# Let IBS Take the lead

Innovative Business Solutions Inc (IBS) helps clients transform their IT to better support a high performing business or government.

We deliver measurable business values from a full range of innovative, industrialized technology consulting solutions. These critical solutions address a business' most urgent technological challenges, including:

- Aligning IT strategy to business value
- Building an enterprise architecture "blueprint"
- Transforming IT Infrastructure
- Improving IT Security
- Renewing legacy applications
- Engineering performance into systems and applications

## Why Choose Us?

- We strive to provide the highest quality products and services at competitive prices and we constantly seek "best value" solutions for our clients.
- We meet all business IT requirements , allowing customers to concentrate on enhancing their core-business.



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## Professional Services

We offer innovative services and products to the Information Technology Industry. Our involvement in numerous small, medium and large businesses demonstrate that our experience, knowledge base and premier service and product offerings are viable solutions.

### Our range of products include:

- PABX
- VOIP
- CCTV
- VPN
- Call Accounting
- Security equipment
- Fire suppression / detection equipment

### Our services include:

- I.C.T support
- Security solutions
- Fire Systems Installation
- Networking
- Wifi Installation
- Structured cabling
- Fiber optics
- Cyber security
- Telecoms



**EXPERIENCE  
AN INNOVATIVE  
ADVANTAGE**

I.C.T | Security solutions | Fire Systems

# An innovative approach to communication



## IP Office: Simple, Powerful Communications for Small Business

Successful companies are always looking for new ways to do more with less- keeping their business flexible, innovative and competitive without driving up operating costs and capital expenses.

IBS puts the solution at your fingertips: the Avaya IP Office communications system.

## Easy to Use and Manage

Whether you are adding a new employee or an entirely new office, setting up a customer service help desk or outfitting an employee to work at home, IP Office keeps it simple.

## Control Cost

- **Lower mobile phone/long-distance bills:**

IP Office opens the door to a wide range of options for better managing your company's mobile phone and long-distance charges by routing calls through the system and over broadband links.

- **Handle more calls with fewer people:**

Rely on the built-in intelligence in IP Office to route calls quickly and accurately.

- **Centralize administration:**

For businesses with more than one location, IP Office enables remote management and administration from a central location.



## Flexibly Accommodate Your Choice of Devices

IP Office has the ability to work with IP, digital, analog, SIP or wireless technologies. Use the devices you want, wherever you need them.





# IP Office Phones: Choices for every business



From walk-in users to executives, there is an Avaya IP Office telephone for everyone in your business. Give your employees the tools they need to be the best at what they do.

## Executives/Managers



Large displays and the latest capabilities to make the best use of executive time.

Avaya IP Office offers a full range of sleek and attractive phones to please the most demanding executives. Get clear easy-to-read displays, programmable call appearances, lots of feature keys, speed dials, call logs, and much, much more.

## Avaya Wireless Telephones



Advanced communications capabilities in the palm of your hand.

Take advantage of the Avaya wireless phones to work anywhere in your office and still get the full power of your IP Office communications system.

## Walkup & Everyday Users



Simple, cost-effective communications in lobbies and other public areas.

Often located in office lobbies, stock rooms, drop-in desks and other common building areas, Avaya IP Office telephones for Walkup & Everyday Users have a simple, familiar interface that make them the right choice for visitors, suppliers and others who need a phone for occasional use.

## Avaya one-X® Communicator

**Bring All Your Communication Modes Together in a Single Client.**

Avaya one-X® Communicator is a rich Unified Communications client that provides enterprise users with simple, intuitive access to their everyday communications tools. Users can better manage communications tasks, making them more productive, responsive, and accessible regardless of where they are working on any given day.



# A Collaborative Solution To Conferencing



## Avaya Scopia Video Conferencing

Achieve excellent video performance in real-world network conditions, with crisp, smooth quality, stellar bandwidth efficiency, and error resiliency. Boost productivity and enhance relationships with video conferencing solutions for conference room systems and desktop applications. Our solutions enable participants to interact as if they're all in the same room, face to face—with the ability to collaborate on documents, spreadsheets.



Avaya Scopia® Desktop and Mobile Applications

## Conferencing

Looking for just audio? We have the solution for you.



B100

- **Superb sound quality:** Avaya OmniSound audio technology.
- **Connectivity:** Participants can connect computers (for VoIP calls), mobile phones, in-building wireless phones and regular deskphones directly to the conference phone.
- **Record meetings:** Capture entire meetings as audio files and/or use the conference phones as dictation devices.





# Access Control

State-of-the-art access control hardware and software that integrates the most advanced security technologies with innovative networking capabilities to bring you full-featured security solutions serving any size facility.

- Access Control Solutions
- Web-based Access Control
- Managed Access Control
- Control Panels / Hardware

## NetAXS-123

**Web-based access control starting at one, two or three doors.**  
An easy to use web-based access control system, NetAXS-123 grows with you as your business grows. It is a cost-effective way to protect one door at a time. Access control has never been this simple.



### Product features:

- Web-based system enables easy management of access control anywhere with an internet connection.
- Modular design makes adding doors easy and affordable
- Compatible with 4-door NetAXS (NETAXS-4)
- Add up to 120 doors downstream

## Honeywell WIN-PAK

**Honeywell's WIN-PAK® software suite** provides a range of solutions from access control only to fully integrated security solutions. WIN-PAK's powerful user interface allows dealers to install a single software for all of their customers' security needs.

### Key Integration Features

- **WIN-PAK XE 4.4** (Express Edition) is the base software package for access control only.
- **WIN-PAK SE 4.4** (Standard Edition) provides access control and standard video integration; options include intrusion support and expansion to 5 workstations.
- **WIN-PAK PE 4.4** (Professional Edition) combines all the features of XE/SE while supporting intrusion, advanced video, unrestricted number of workstations, multiple communication servers and multiple account/department/sites.

### Enhanced Security

Popup notifications from intrusion, video and access provides concise event information and system control.







# Data Connectivity at its finest

## Networking

As real-time communications continue the evolution to IP, the data network becomes completely integrated into the delivery of communications-enabled business services and mission critical business applications.

IBS provides advanced enterprise-class reliability, performance, and security that organizations depend on to run their businesses.

IBS Networking offers an assorted portfolio of products that enable enterprises to build networks that are always-on.

- **Ethernet Switching:** a range of integrated routers, gateways and appliances that allow enterprises to reliably and securely connect their branch sites.
- **Unified Branch:** a range of routers and Virtual Private Network (VPN) appliances that provide a secure connection for branches.
- **Wireless Networking:** a cost-effective and scalable solution enabling enterprises to deploy wireless coverage.
- **Access Control:** solutions that provide policy decision to enforce role-based access control to the network.
- **Unified Management:** support for data and voice networks by simplifying the management requirements across functional areas.

## Structured Cabling

Structured cabling isn't just for data centers or IT departments. It's a standard way of managing and utilizing your enterprise building's connectivity for applications.



# A Complete IP Solution

Rely on **Innovative Business Solutions** for the latest innovations to help you keep up with the IP video market. You can rest assured that an IP solution backed by IBS will be easier to install and maintain.



## Why IP?

IP Video Surveillance continues to grow at a fast pace because integrators are seeing the value that it can provide. Driven by their need for higher performance and higher quality video, end users are looking for ways to incorporate fully accessible video surveillance solutions into their business while utilizing their existing IP infrastructure. Honeywell's complete line of IP video products provides the right solution for almost any application.

**Expand Business Applications:** video is not just for catching theft or other evidence, but to help customers improve their overall business. Through cloud type services and web based interfaces, users can access their video information and monitor their businesses from anywhere.

**Reduce Total Cost of Ownership:** cost efficiencies and the convenience of leveraging existing network infrastructure helps reduce the overall cost of a system.

**Protect Existing Investment:** Hybrid NVRs and video encoders help customers add new high-definition IP cameras to their system without having to replace all of their existing analog cameras until they are ready.

**Reduce Installation Time and Costs:** IP solutions install quickly and easily with auto-discovery tools. Because IP cameras have a wider field of view than analog cameras, you can install fewer cameras, and therefore reduce costs.

## IP Cameras

IBS IP camera portfolio includes a range of solutions which meet varying feature requirements for indoor and outdoor applications to operate and maintain no matter what the user's skill level - or their budget.

### Indoor Mini Domes



H3W2GR1 / H3W2GR2

1080P, H. 264, True Day/Night Low Light, Wide Dynamic lens.



H3W4GR1

4MP, H. 264, True Day/Night Low Light, Wide Dynamic lens, IR, Indoor

### Rugged IR Domes



H4W4GR1

4MP, H. 264, True Day/Night Low Light, Wide Dynamic.



H4L2GR1

4MP, H. 264, True Day/Night Low Light, Wide Dynamic.



H4W2GR1/H4W2GR2

1080p, H. 264, True Day/Night Low Light, Wide Dynamic





# Intrusion Detection

Designed to work together seamlessly, Honeywell Security products provide you with the technology you need to deliver sophisticated security solutions—from the simplest to the most challenging.



## Honeywell VISTA

Advanced security and alarm communications for today's homeowner.



VISTA can communicate alarm signals with more than just a phone line - giving you more flexibility by using the internet and GSM wireless radios as either the primary or backup method of alarm transmission. It's a great solution for cell phone-only homes or people who rely on Voice Over IP digital telephones service.

**VISTA provides a range of options that keep you aware of what's going on in and around your home and provide you with the peace of mind you deserve. Choose from:**

- Keypads
- Fire and life safety products
- Wireless Indoor motion sensors
- Glassbreak detectors
- Wireless keys
- Environmental sensors
- Personal panic transmitters
- Wireless outdoor sensors

## Lynx 7000 Control System

Honeywell's LYNX Touch 7000 control system features a bright, 7" full-color touchscreen with graphic icons and intuitive prompts for easy operation.



It features on-screen video, Z-Wave® automation capabilities, advanced alarm communications, garage door notification and control, tornado alerts for U.S. and Canadian residents, and remote software upgradeability.

LYNX Touch 7000 is designed for broadband cellular communications. The Wi-Fi® module offers the lowest cost alarm communications (including two-way voice) and remote services solution – saving installation time and reducing monthly operating costs.



# Fire Detection Products You Depend On



## Fire Detection Systems

Fire does not discriminate. It is a devastating threat that can end lives and demolish profitability in seconds. To protect employees and your assets from this destructive force, select a I.B.S fire detection system engineered by a Honeywell authorized commercial dealer.

### IFP-100VIP and IFP-1000VIP

Analog addressable fire alarm controls combined with integrated single channel voice evacuation systems. The seamless combination of fire detection and voice evacuation simplifies operation and programming of the entire system.

- Built-in Digital Message Repeater
- 3 programmable user messages
- Up to 64 mappable speaker circuits



### Manual Pull Station

The Manual Pull Station is a wall-mounted initiating device that is used in a Fire Alarm system, and located near emergency exits. When a user activates the Manual Pull Station, it sends a data message to the system control panel for processing.



### IFP-2000, RPS-2000 and IFP-2000VIP

A powerful choice in fire alarm controls, the IFP-2000 series offers the most flexible and reliable system. As a standalone control panel, it has the highest power and point capacity available.

- 9A power supply
- One on-board SLC with capacity of 59 sensors + 59 modules
- 999 Zones / 999 groups
- 8 Flexputs



## Notification Appliances

### SpectraAlert Advance

The System Sensor SpectraAlert Advance product line is the industry's newest, most refined series of audible/visible notification appliances that simplify the specification, configuration and installation of fire systems. These indoor and outdoor, wall and ceiling devices include plug-in design for wiring mounting plates, pre-installation wiring continuity checks, plus choice of high fidelity or high volume speakers and eleven field-selectable candelas.





# Fire Suppression

## Kitchen Fire Suppression

### Kitchen Mister - Restaurant Fire Suppression System

Open flames, red-hot cooking surfaces, and a heavily grease-laden environment combine to make the modern commercial kitchen a potentially dangerous fire hazard. Kitchen fires spread quickly and have proven to be very difficult to extinguish, making them one of the leading cause of structural fire damage in the world.

The Kitchen Mister System has proven to be the most effective fixed kitchen fire extinguishing system ever developed.

### System Cylinders

The models BFR-5, BFR-10, BFR-15 and BFR-20 cylinders are designated by flow point capacity (so the BFR-5 supports five flow points) instead of the amount of agent they hold. Recharge is available in 5 and 10 flow point containers so there's never a chance of error.



BFR-5

BFR-10

BFR-15

BFR-20

The Kitchen Mister System is quickly becoming the preferred choice of fire protection professionals throughout the world.

## I.T Suppression Systems

### Stat-X aerosol technology

The Stat-X family of fire suppression systems is based on aerosol technology developed in the space program, applied to fire protection by an American team of engineers and manufactured to ISO 9001:2000 standards in the USA. Stat-x is ecologically safe, ten times as effective as halon replacements with zero ozone depletion and no global warming potential.



The Stat-X application technology requires no pressure vessels, manifolds, nozzles or pipe work, factors which result in significant installation and maintenance savings to our customers.





# Fire Extinguishers

A fire extinguisher is an active fire protection device used to extinguish or control small fires, often in emergency situations. Our goal is to provide our customers with quality fire extinguishers at a great value.



## Hand-Held Fire Extinguishers

We offer a complete line of hand-held and wheeled fire extinguishers and extinguishing agents.

To ensure our distributors and customers receive the highest quality fire protection equipment, all of our products undergo rigorous testing, both In-house and by third party testing organizations such as Underwriters Laboratories, U.L. Canada, Factory Mutual, ASME and the U.S Government.

Some Hand-held fire extinguishers include :

- ABC Dry Chemical
- Standard Dry Chemical
- Halotron
- Carbon Dioxide
- Heavy Duty High Flow



# Embedded Savings



## Performance Series IP

Better Performance  
Better Value  
Better Support



### Honeywell's New Performance Series IP Kits with embedded NVR and four cameras

Check out the new Performance Series IP kits from Honeywell. With your choice of a 1 or 2 TB Embedded NVR and four IP bullet cameras or four IP ball cameras, these bundle kits offer the perfect economical solution for small retail businesses, office settings and convenience store installations. But they are more than affordable. Our new intuitive Embedded NVR has a user-friendly configuration process that takes you to live video after only minutes of setup time.

**See how easy it is to save time and money with Honeywell IP. It's the performance you want at the price you need - and it is all backed by IBS unparalleled support and three-year warranty.**



# A WiFi Solution for every situation

## Smart Wifi for Healthcare



**Smart Wi-Fi Delivers Secure Mobility to Improve Patient Care.  
IT'S A REQUIRED PRESCRIPTION!**

Faster, more reliable Wi-Fi connectivity for patient care is critical to effective processes and improved outcomes. To meet expectations, it must penetrate a wide range of construction materials, work with diverse medical devices and clinical applications, and must be HIPAA secure.

## Ultra-reliable Wi-Fi Access

Mobility is a key element for today's healthcare organizations. With Ruckus' Smart Wi-Fi infrastructure, clinicians have a high level of confidence in the reliability and integrity of their critical EMR/EHR information, VoIP communications, high-resolution video, and medical image delivery.

## Wi-Fi Coverage Everywhere With Fewer APs

With its unique ability to constantly monitor the air and steer Wi-Fi signals around interference in real-time, the Ruckus ZoneFlex WLAN System delivers unmatched wire-like performance suitable for critical EMR information and wireless enabled voice handsets at a fraction of the cost of competing systems

## Unmatched Application Support

Wireless VoIP, RTLS locationing, patient monitoring/telemetry, infusion devices, medical imaging, bedside video and smart-phones are raising Wi-Fi performance requirements. The Ruckus ZoneFlex WLAN system combines patented BeamFlex long-range, directional Wi-Fi beamforming, adaptive antenna technology, and SmartCast traffic engineering technology to classify, prioritize and optimize multimedia traffic delivery per-client,





# Smart Wifi for Hospitality



## Enhancing the Connected Guest Experience

Today’s business and leisure travelers are more tech savvy than ever and expect high-speed internet connectivity for their smart devices everywhere. 83 percent of hotel guests take the time to report a bad Wi-Fi experience, and 36 percent won’t rebook if they had one.

## One network for all converged services

We provide high performance access points and switches enabling hoteliers to deploy a single and reliable network infrastructure to concurrently support essential business applications such as :

- Tiered High-Speed Internet Access
- Point-of-sale terminals
- IP-based Video on Demand

### Zoneflex C110



Wall plate AP with DOCSIS 3.0 Cable Modem

### Zoneflex H320



Wall-mounted wifi AP and wired switch

### Zoneflex R310



For low density environments

### Zoneflex R510



For medium density environments

### Zoneflex R720



High density environments

### Zoneflex T300



Outdoor solution Wifi AP

## Simpler networks for the agile hotelier

When stacked, multiple switches are managed as a single switch and their resources pooled. With options to increase network capacity and mix different switches together, hoteliers can grow their networks as necessary while keeping management simple.

### Great hotels are choosing I.B.S Smart Wi-Fi solutions to solve Challenges that stump competitors

Problem	Smart Wi-Fi Solution
Spotty Coverage	High-gain smart antenna system extends coverage by two- to four- times, requiring fewer APs per hotel
Guest Networking	Intuitive, browser-based facility lets any guest-facing staff generate a unique and timed Wi-Fi Guest pass in less than 60 seconds
Consistent Wireless HSIA For Guests	Patented adaptive antenna technology and smart antenna array technology within every Ruckus Smart Wi-Fi access point ensures Stable client connectivity and mitigates packet loss to ensure the highest performance possible
Converged Services Over Wi-Fi	Provides up to 32 discrete WLAN networks that can be used to concurrently support IP-based video, voice, HSIA, digital advertising, and back office applications
Complex, Cumbersome Deployment With Ease	Long-range, high-gain access points require Fewer nodes to cover a given area and allow Wi-Fi services to be offered in areas where Ethernet cabling doesn't exist or can't be pulled, through advanced wireless meshing
Voice Over Wi-Fi	Advanced Wi-Fi signal controls and quality of service technology provide superior support of IP-based VoIP phone and Wi-Fi badges



# Smart Wifi for Retail



## Smart Wi-Fi Enhances The Shopping Experience And Supports Store Operations

Faster, pervasive and more dependable Wi-Fi connectivity that works even in crowded store environments is critical for retailers. New location based services and analytics can leverage Ruckus SPoT Wi-Fi enabled positioning service capabilities.

## Complete Coverage: Here, There, Everywhere

Retail stores range in size from small, one-room operations to huge superstores. They require wireless connectivity everywhere, from the sales floor, to the warehouse and even the parking lot or sidewalk outside. Getting reliable and complete Wi-Fi coverage can be expensive and time-consuming. The Ruckus ZoneFlex family of products uses patented BeamFlex technology that focuses Wi-Fi signals to ensure the best possible Wi-Fi coverage.

## Dealing with high density

The critical test for in-store Wi-Fi occurs at peak times, such as during the holidays or back-to-school season. Ruckus BeamFlex technology provides higher performance that gets users on and off the Wi-Fi network quickly, increasing usable capacity. Additional capabilities such as client load balancing, airtime fairness, band steering, and per user rate limiting ensure hundreds of users can be served by each access point while delivering reliable and fast Wi-Fi connectivity.

## No Ethernet? No Problem

For many retail establishments, Ethernet is not ubiquitous. Unlike other WLAN solutions, the Ruckus ZoneFlex system employs SmartMesh Networking, retail outlets to easily-add WiFi by simply plugging APs into a power outlet. This eliminates adding additional Ethernet cabling and unnecessary expenses. An advanced smart antenna array ensures unprecedented reliability for the mesh backbone, minimizing packet loss, steering signals over the fastest paths, and increasing range between mesh nodes.

