

ACT NEWS



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I n t e g r a t e d S o l u t i o n s P r o v i d e r

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THE Education key pillar of nation-building and move forward



Let's ACT Together!

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Mr. Atef Koleib
Senior Operations Director

Message From *The Management*

Dear Partners,

People have relied on information systems to communicate with each other using a variety of physical devices (hardware), information processing instructions (software), communications channels (networks) and stored data (data resources). Information systems play a vital role in the business success of any enterprise.

Before now, it was a common phenomenon to see heaps of used and unused file folders, calendars and almanacs, appointment note books/dairies, telephone directories, memo pads, dispatch books, inventory records, file cabinets, legion of office assistants (for mail deliveries), etc . It was also very common to hear that a mail sent out a week ago is yet to be delivered.

Today, the Information and Communication Technology revolution has dramatically changed all these and is moving quickly towards changing the work itself.

Office automation has been viewed as telecommunication-based information systems that collect, process, store, and distribute electronic messages, documents and other forms of communications among individual work groups and organizations. Such systems can improve the collaboration and productivity of staff by significantly reducing the time and efforts needed to produce, distribute, and share office information.

The entire office automation system comprises the following five sub systems:

- **Electronic Publishing Systems**

With Desktop Publishing, organizations can design and print their own newsletter, brochures, manuals and books with several type styles, graphics and colors on each page.

- **Electronic Communications Systems**

Electronic mail (e-mail), voice mail, bulletin board systems,

facsimile and desktop video conferencing allow organization to send messages in text, video, or voice form or transmit copies of document and to receive it in seconds and reduce the flow of paper.

- **Electronic Collaboration Systems**

That cover Electronic meeting systems which involve the use of video and audio communications to allow conference and meeting to be held with participants who may be scattered across a room, a building, or country reducing the need to travel to and from meetings to save employee time and travel expenses.

- **Image Processing System**

It allows end users to electronically capture, store, process, and retrieve images of documents that may include numeric data, text, handwriting, graphics, and photographs.

- **Office Management Systems**

They include electronic calendars, electronic mail directories, schedulers, and task management systems to help organize the work activities.

Shifting from the manual to the automation system is a great way to save money and time while protecting important business information. People no longer want to store paper records or hand write order forms and other information needed to do business. Still there is a challenge, older staff members may have a hard time adjusting to the new system and unable to use it efficiently but with lots of training this can be overcome.

Thanks,

What's New

Version 7.2.0

mymicros.net -iCare - myinventory - mylabor

What's New Overview

The What's New page is available from all mymicros.net pages in the left side of the top banner. This page highlights some of the main features available in the new release. This page will be updated with each major release and will include links to documentation for additional details.

Additional details on each highlighted feature, as well as all other new features, are available in the latest ReadMe First.

mymicros.net Features

mymicros.net, the MICROs web-based reporting and analysis engine, has been enhanced in this release of **7.2.0**. Highlights of the enhancements include:

Interactive Reports with Report Mail - It is now possible to send Interactive Reports through Report Mail. 'Interactive Reports' is now available as a Type in the Content tab when creating a new Report Mail item. Reports that a User has created will be available for selection, as well as any published reports that a User is privileged to access. Once an Interactive Report has been selected in Report Mail, a User may configure the typical settings for the report to be emailed.

Interactive Reporting was introduced in 7.1.0. It is the newest custom reporting tool available with mymicros.net, providing drag and drop functionality, which allows Users to view the report as they are building it. This easy to use tool provides Users with the ability to create reports specific to their organization for personal and public use. Saved and published Interactive Reports may be continually used as a supplement to the standard mymicros.net reports, and in addition to the other custom reporting tools offered in mymicros.net.

This is the next generation custom report tool, our predecessor to Ad Hoc Reports. The Interactive Reports Portlet may be added by a Sys Admin User.

See [Admin | Portal | Portlets | and Admin | Portal | Roles | Portlets](#).

iCare Features

iCare, the MICROs enterprise Gift Card, Loyalty, and Payment offering that is designed to help execute and track marketing initiatives, has been enhanced in 7.2.0. Highlights of the enhancements include:

iCare with Exact Target - iCare has been integrated with ExactTarget, a leading global provider of cross-channel, interactive marketing solutions, to provide a powerful tool to distribute targeted offers through an email messaging platform.

ExactTarget's easy-to-use interface provides straightforward tools for email template management and content management, including logos, branding, tag lines, and product images, which make the email creation process simple, flexible, and quick to execute.

iCare with ExactTarget is a great tool for small independent organizations as well as larger enterprise level organizations.

The iCare customer database is seamlessly used to generate email lists for both scheduled campaigns (such as welcome and birthday emails) and ad hoc campaigns that provide one-off marketing emails that can be maintained and executed through the easy to use interface. Campaign analysis and tracking is through the ExactTarget dashboards and reporting, providing easily-understandable metrics to measure campaign success. All of this is offered using a cost-effective pricing model, which fits a variety of needs, from the independent market space to the largest enterprise customers who may be sending millions of emails per month. For additional information, please contact your MICROS Account Representative.

Coupon Distribution to Groups of Customers - A new method to distribute or issue coupons to specific customer groups is now available for organizations using mymicros.net or Symphony with iCare. Organizations are now able to select groups of customers, based on behavior and customer attributes, and issue coupons to these customers. These coupons may prompt or automatically redeem at the POS.

This provides organizations with the ability to give "surprise and delight" coupons to subsets of their customers.

This feature is supported for all iCare Organizations using Loyalty, however, the POS functions the Prompt for Coupon and Coupon Lookup are only supported for RES 3700. Additional support for Symphony 2.x will be introduced in a later version.

Support Redeem Points at POS - A new loyalty feature, Redeem Points, is now available, which allows earned points to be redeemed for goods at the POS. Points are used like virtual money in a POS transaction, behaving similar to a gift card, where points are a payment method. This allows customers to accrue a point balance where they can choose when to redeem the points as payment.

Optionally, organizations are able to control what Items may be redeemed with points.

This feature is currently only supported with RES 3700; support will be added for Symphony 2.x in a future version.v

myinventory Features

myinventory, the MICROS enterprise inventory offering that includes recipe management, inventory counts, suggested ordering, receiving, and B2B interfaces, has been enhanced in 7.2.0. Highlights of the enhancements include:

Task Manager - A new feature, Task Manager, has been implemented to provide an easier method of handling daily tasks in myinventory. Task Manager will allow organizations to set up daily tasks, such as ordering, inventory, and production, to occur at specified frequencies. Managers who are to complete these tasks will be assigned the Task Menu. When those managers log into myinventory, they will be presented with the tasks to be completed that day. This will provide an easier and more controlled workflow, as managers will know exactly what needs to be done each day. Task Manager consists of two elements:

the Task Management module and the Task Menu. Tasks will be created in the Task Management module, and will be available in the Task Menu to be completed by Users who are assigned the Task Menu Role/User option.

When Users select a Task from the Task Menu, they will be taken directly to the Detail screen to complete that Task.

Once the Task has been completed, the User will be returned to the Task Menu so they may work on the next Task.

Task	Task Type	Cost Center	Due By	Note	Cancel Task
✗ Daily B2B Check	B2B Solution	Chicago CC			
✓ Produce Order	Order	Chicago CC			
✓ Produce Receipt	Receipt	Chicago CC			
Weekend Prep	Prep and Thaw	Chicago CC			
✓ Weekly Count	Inventory	Chicago CC			

mylabor Features

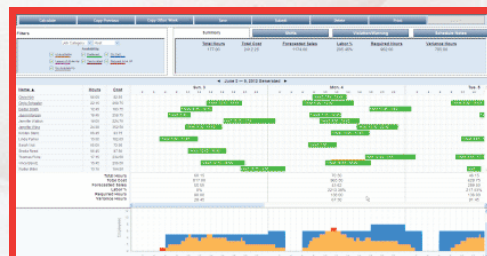
mylabor, the MICROS enterprise labor offering that includes time and attendance, scheduling, employee self maintenance, and the ability to share employees across locations, has been enhanced in 7.2.0. Highlights of the enhancements include:

Staff Requirements in Basic Scheduler - The Basic Scheduler now displays Staff Requirements in a bar graph format at the bottom of the schedule.

This will provide the User creating the schedule with a convenient visual diagram of not only how much staff is needed, but what hours need to be filled, as well.

Remove Break Cost from Labor Cost Calculations - A new feature is available

that will allow Locations to **remove unpaid Break Costs from Labor Cost calculations** in the Basic Scheduler. This will provide organizations with a more accurate Labor Cost when creating and viewing schedules. When viewing a schedule in the Basic Scheduler, if an Employee is scheduled for a shift that qualifies for an unpaid break, an asterisk will be displayed on the shift to alert the User that the Labor Cost calculation will be adjusted to accommodate the break. Additionally, right clicking on the shift or clicking the Employee name hyperlink will display a popup detailing the schedule will include the name of any break rule being considered for that Employee.



MICROS-Fidelio has reached an agreement with Serenata IntraWare GmbH to resell their successful @mail product.

This product fills a niche within our product suite and is a great tool for operators to personalize their pre- and post-stay service to their consumers.

“**Serenata @mail integrates seamlessly in our OPERA Suite as well as the Suite 8 applications.**”

Please refer to further product information in the attachments to this product marketing announcement_

What is Serenata @mail

The @mail application offers an cost effective e-marketing solution that allows the direct marketing of HTML documents straight out of our MICROS' hotel applications, empowering hotels to create additional revenue while at the same time cutting cost for marketing and reservation handling.

With **Serenata @mail**, you can instantly e-mail reservation confirmations, pre-arrival emails, thank-you notes and upgrade opportunities from our MICROS hotel applications. These aren't simple text emails but rich, colorful HTML pages bearing your hotel message and branding, all personalized to the individual guests and filled with inviting photos of the best amenities of the hotel property. The more guests know before arrival, the more likely they are to stay - and spend - at the property.

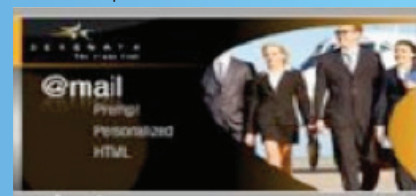
Key benefits of @mail:

- Cross-selling and up-selling of in-house services.
- Improved customer communication and increased brand loyalty thanks to professional correspondence consistent with the hotel's corporate identity.
- Improve the entire workflow and reduce time and communication cost.
- All profile and address details are automatically retrieved from the data source.
- All guest details remain safely in house and are available for customer retention and rebooking
- No interfaces required, and no hidden costs.

In essence:

- Serenata @mail enhances the hotel application with personalized HTML- based documents for your customers' guests, from reservation confirmations and post-stay notes to newsletters, etc.
- Serenata @mail pays for itself: The ROI is often achieved within 2 months.
- Serenata @mail offers an integrated BlackBerry, Fax and SMS gateway

Click on the picture below to view the @mail video



Data-storage demand is growing year on year.

It's time to take control.

With a leading range of storage products, whatever your business need, **find your solution with Dell.**



Dell™ PowerVault™



Dell™ EqualLogic™



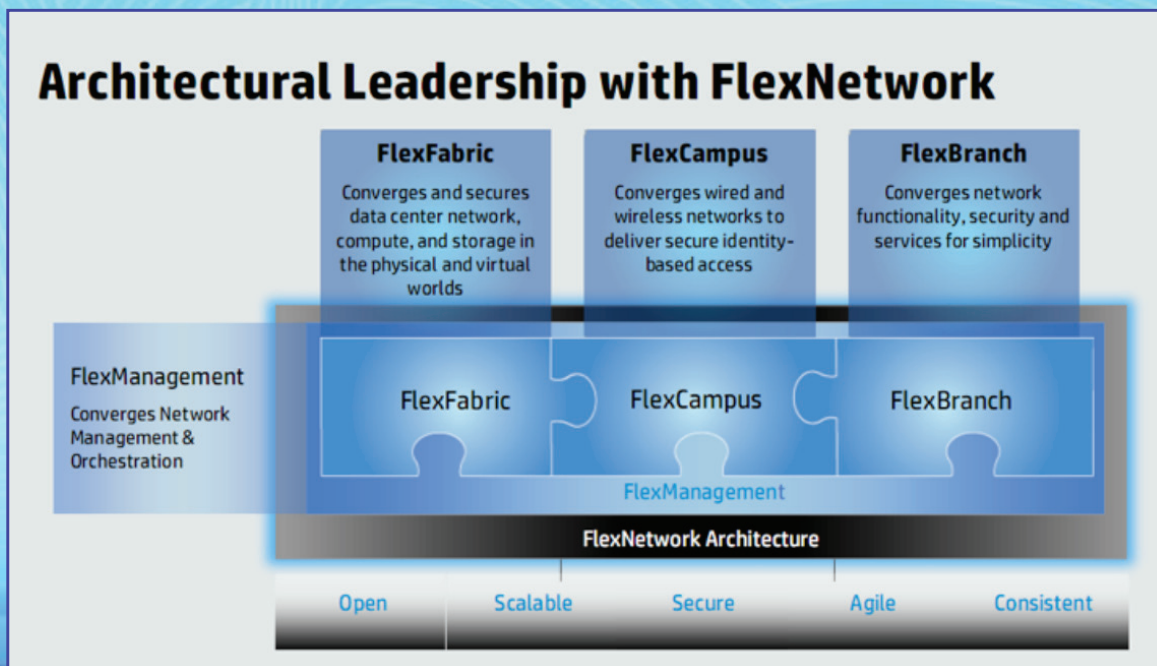
Dell™ Compellent™

Please insert your call to action message here



PartnerDirect

HP FlexNetwork architecture for rich media communications



**HP FlexFabric,
HP FlexCampus,
HP FlexBranch,
HP FlexManagement.**

FlexFabric converges and secures the data center network with compute and storage of media servers, video conference bridges, and video gateways.

FlexCampus converges wired and wireless networks to deliver media-optimized, secure, and identity-based access. FlexBranch converges network functionality like WAN acceleration, high-speed wireless access, and video services for branch office simplicity.

FlexManagement converges network management and orchestration of video-ready network. The FlexNetwork architecture is designed to allow IT to manage these different network segments through a single pane-of-glass management application, HP Intelligent Management Center (IMC). And, because the FlexNetwork architecture is based on open standards, enterprises have the freedom to choose the best-in-class solution for their businesses.

Enterprises deploying video applications must implement flatter, simpler data center networks to support the bandwidth-intensive, delay-sensitive rich media traffic associated with video applications. FlexNetwork helps enterprises securely deploy and centrally orchestrate video-optimized solution that scale from the data center to the network edge.



Time to Act

Upgrade to Infor10 Financials Business (SunSystems) now to open up a world of opportunity.

Increase the value of your SunSystems solution.

As an Infor™ Financials SunSystems customer, you have an opportunity to dramatically increase the value of your solution with one small step—upgrading to the latest release. Not only will you be able to change the way you work, you'll also reduce your total cost of ownership.

Upgrading to Infor10 Financials Business (SunSystems) is low-cost, low-risk, and minimally disruptive. It's also essential for protecting your investment. Don't let pending Microsoft® platform expirations leave you on unsupported technology. By upgrading now, you'll stay up to date and safeguard your financial management solution's functionality.

You'll be able to pay less and get more. It really is that simple.

Modernize your finance department.

With Financials Business, you'll be able to find problems faster, reduce errors, and keep your support costs down. For a minimal amount of time and investment, you can transform your finance department.

You'll be able to:

- **Work where and when you want** by leveraging mobile technology, and accessing your solution via an iPad® or iPhone®.

- **Get information when and where you need it** with in-context business intelligence that dynamically delivers information directly to your financial staff.
- **Do things faster and more efficiently** by reducing the time you spend finding information and increasing the time you spend acting on it.
- **Quit chasing exceptions**, because you'll automatically receive alerts that allow you to prevent errors and quickly address problems when they occur.
- **Recruit and retain talented employees** by leveraging modern technologies such as mobility, social media, and business intelligence—creating a work environment that matches employee expectations for work/life balance.

What you don't know can hurt you.

If you're on the 5.3 version of Infor Financials SunSystems, or on an earlier release, you need to ensure your solution's functionality won't suffer due to Microsoft platform support expirations.

Microsoft plans to:

- **Drop support for Windows® XP SP3 and Office® 2003** per the company's support lifecycle policy. Microsoft business and developer products, including Windows and Office products, will receive a minimum of 10 years of support (5 years mainstream support and 5 years extended support) at the supported service pack level.

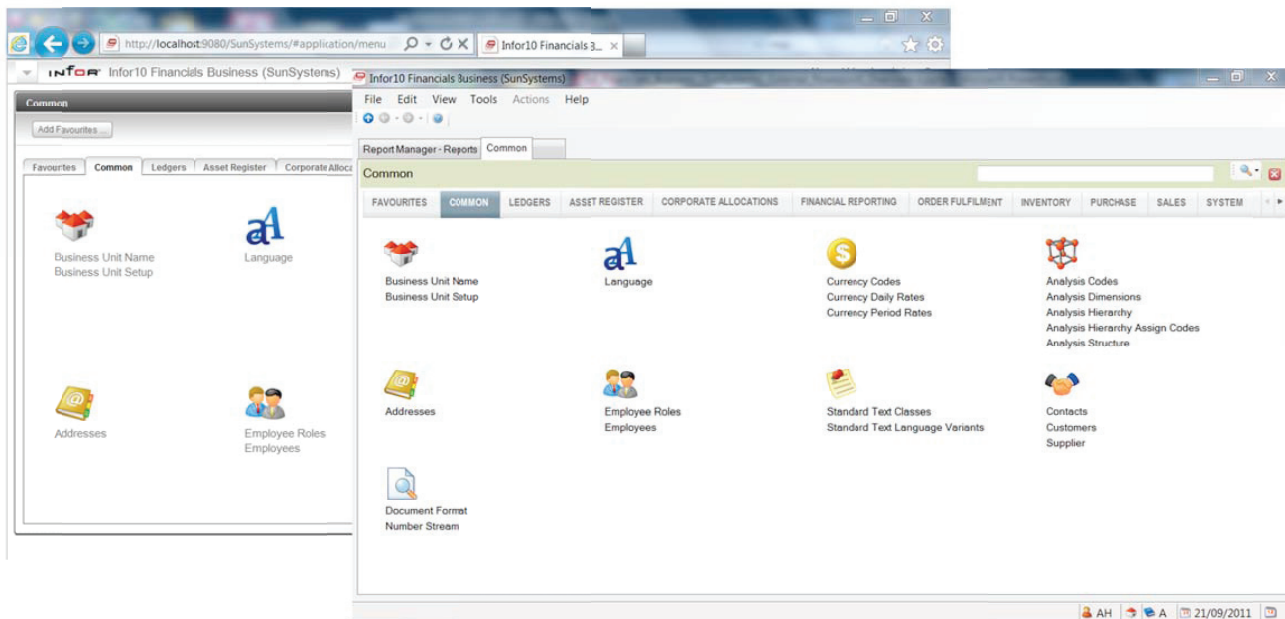
- **End support for Windows XP SP3 and Office 2003 on April 8, 2014.** If your organization has not started the migration to a modern PC, the time to do so is now. Based on Microsoft's historical customer deployment data, the average enterprise deployment can take 18 to 32 months from business case through completion. To ensure you remain on supported versions of Windows and Office, you should begin your planning and application testing immediately so you can complete deployment before your support ends.
- **End support for SQL Server® 2000 on April 9, 2013.** SQL Server 2005 lost mainstream support on December 4, 2011, and is currently in a period of extended support.

For more information on the expirations above, go to:
<http://support.microsoft.com/lifecycle/?c2=1044>.

Upgrading will reduce costs, lower your risk, and increase the value you get from your system. Plus, it's faster and easier than you think.

Upgrade now.

Keeping your technology platform up to date is fast, easy, and less expensive than ever thanks to our **limited-time, fixed-price upgrade offer**. Don't miss out on your greatest chance to increase the value of your Infor Financials SunSystems solution in more than a decade.



Windows Server 2012 Release

Candidate Hyper-V: A more complete virtualization platform



Over the past few years, organizations of nearly every size have embraced virtualization technologies. It's no surprise—virtualization not only can help you become more agile, but it also can drive down costs significantly.

As virtualization technologies continue to evolve, there is even greater potential for extending virtualization throughout your organization and into the cloud. With Windows Server® 2012 Release Candidate (RC) Hyper-V®, you can more efficiently run multiple operating systems in parallel, on a single server.

Plus, you can use virtualization for almost any workload. And with more features, better scalability, and more built-in mechanisms for reliability, you'll be able to create a platform that works for you—not just today, but well into the future.

No matter what that future brings.

Improve security of multitenancy

Virtualized data centers are becoming more popular and practical every day. IT organizations and hosting providers have begun offering infrastructure as a service (IaaS), which provides more flexible, virtual infrastructures to customers. Essentially, these infrastructures are “server instances on demand.” Because of this trend, IT organizations and hosting providers must offer customers enhanced security and isolation from one another. If you're hosting two companies—or have to separate and secure data from two different divisions—each entity must be provided with its own privacy and security. Windows Server 2012 RC Hyper-V provides you with the ability to:

- **Fully isolated the network layer in your data center,** through programmatically managed and extensible capabilities. This enables connection to the network of virtual machines with policy enforcement for security and isolation.
- **Protect against spoofing.** Protect against malicious virtual machines that steal IP addresses from other virtual machines (known as “spoofing”).
- **Shape network traffic to enforce multitenant security.** With the Hyper-V Extensible Switch, traffic from multiple VLANs can now be consolidated and directed to a single network adapter in a virtual machine.
- **Monitor more effectively.** Designate which virtual ports should be monitored, as well as to which virtual port the monitored traffic should be delivered for additional processing.
- **Extend your virtual switch capabilities.** The Hyper-V Extensible Switch in Windows Server 2012 RC provides a fully extendible and customizable

solution that can supply additional functionality such as traffic monitoring, firewall filters, and switch forwarding.

Put a flexible infrastructure in place

With Windows Server 2012 RC Hyper-V, you'll get a flexible platform that helps to ensure you're always running at peak efficiency. As part of this process, adding and managing virtual machines is fast and easy. From virtual subnets to built-in automation, you'll be able to place and move your virtual servers whenever—and wherever—you need them. In addition, you'll be able to:

- **Scale beyond VLANs.** Instead of relying on complex and time-consuming VLANs, you can now take advantage of Hyper-V Network Virtualization. With this feature, you can isolate network traffic on a shared infrastructure and move virtual machines within your virtual infrastructure—and even to the cloud—while preserving their virtual network assignments and IP addresses.
- **Migrate virtual machines and storage without downtime.** Improvements to live migration mean that you can now move multiple virtual machines—including those outside a clustered environment, even between servers with no shared storage. In addition, migrating storage no longer means downtime because the new live storage migration capability lets you move virtual hard disks that are attached to a running virtual machine.
- **Automate routine tasks.** With full support for automation through Microsoft® Windows PowerShell™ 3.0, you'll be better equipped to increase productivity and spend less time on maintenance. For instance, you can build



command-line tools or automated scripts for setup, configuration, monitoring, and more.

- **Get storage flexibility.**

Your storage, your choice. Hyper-V now supports direct attached storage (DAS), server message block (SMB) shares, virtual host bus adapters (HBAs), and storage area network (SAN) environments. As a result, it's easier to prioritize storage needs and reduce costs.

Get better scale, performance, and density

Whether you're well on your way to virtualization or just starting to develop the infrastructure, Windows Server 2012 RC Hyper-V can help. In fact, almost any workload can be virtualized.

Hyper-V supports large, mission-critical workloads with many different features. With Hyper-V, you'll be able to:

- **Scale up as needed.**

Host scale and scale-up workloads are dramatically increased in Windows Server 2012 RC Hyper-V—up to 320 logical processors on hardware, 4 terabytes of physical memory and up to 1 TB on a virtual machine, 64 virtual processors, and a possible 4,000 virtual machines in a cluster.

- **Get better support for Dynamic Memory. Dynamic Memory**

additions can help you increase consolidation and improve reliability, which, in turn, can lead to lower costs—particularly for environments that currently have many idle or low-load virtual machines. In fact, you can add more memory while the virtual machine is running.

- **Ensure accurate chargebacks.**

With Resource Metering in Windows Server 2012 RC, you can gain more insight into the resource usage of specific servers. Then, you can use this data for everything from capacity planning to workload redistribution.

- **Take advantage of storage enhancements.**

Windows Server 2012 RC is designed to better handle current and future workloads and ensure that your evolving needs are met, with features

such as the new large-capacity virtual hard disk format VHDX, support for Offloaded Data Transfers, Data Center Bridging, and virtual Fibre Channel.

- **Guarantee bandwidth.**

Quality of Service for bandwidth management lets you guarantee a minimum bandwidth to a virtual machine or service, including network storage.

Implement a highly available solution

As organizations increasingly host important workloads in virtual environments, the need for integrated, highly availability solutions for customers of any size becomes essential. Windows Server 2012 RC Hyper-V continues to deliver best-in-class high availability, and offers additional options for the needs and budgets of a wide range of businesses. You'll get the ability to:

- **Increase the flexibility of clustered enhancements.**

Get greater value through greater density, simultaneous migration, and virtual Fibre Channel.

- **Streamline backup operations.**

Incremental backup of virtual hard disks can help to make backing up faster and easier and save both network bandwidth and disk space.

- **Ensure business continuity.**

The Hyper-V Replica feature asynchronously replicates virtual machines to different locations for business continuity and failure recovery.

- **Improve resilience to unplanned downtime.**

Windows Server 2012 RC can help to protect against many unplanned scenarios with a variety of features, including SMB transparent failovers, Reliable Crash Recovery, and NIC Teaming.

Learn More

Ready to learn more about how Windows Server 2012 RC can help you?

Visit www.microsoft.com/windowsserver2012

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Success Story ACT Launches the new IPTV System in Hurghada

"Tropitel Sahl Hasheesh"

ACT Profile

In 1988, ACT was established among the early ICT companies in Egypt. Since then ACT has had a leading role in providing the Egyptian market with state-of-the-art solutions and products.

Focusing on customers' needs and market demand, ACT teams up with international companies with a vision to create products to match industry standards and meet customer requirements, because of which ACT has become one of the prominent System Integrators in Egypt.

"A Commitment to Quality" has always been the driving principle of ACT's activities. ACT's Mission is to offer customer's superior solutions that are well supported with excellent up-to date and after-sale services.

We deliver cost-effective and value added services to help our clients meet their goals. Over the past twenty years, we have grown to become specialists in the designing and developing of integrated systems that meet our clients' expectations.

Leading IP-based Provider Delivers Complete IPTV Solution with Cisco and Nevotek Systems.

ACT is an Egyptian leader in the solution provider, integration and support of IP-based, end-to-end networking and telecommunications solutions.

IPTV was a hot topic, and for good reason: service providers are rapidly rolling out IPTV services to consumers all across the continent. Not every venture has been a winner, but there have been a number of successful deployments, and more are on the way.

ACT IPTV Solution 1

The Solution

Cisco and ACT are collaborating to deliver an IPTV infrastructure solution that combines the Cisco Next-Generation IP Network Infrastructure with ACT's Converged Communication Services for IPTV Infrastructure, providing the end-to-end IPTV network infrastructure, and the consulting, integration and deployment services you need to deliver and maintain high-quality IPTV services to your subscribers.

To deliver its Internet Protocol (IP) TV solution, ACT needed a Middleware solution that could provide scalability, reliability. After careful evaluation ACT chose Nevotek middleware to help grow its IPTV business.

Cisco's End-to-End Infrastructure

While many vendors are concentrating on providing only limited facets of triple-play service delivery, the Cisco IP Next Generation Network (IP NGN) is designed to address all the complexities of multiservice, multidevice, and multitransport service delivery. Cisco provides complete end-to-end solutions.

The combination of Cisco and Scientific Atlanta's (a Cisco company) long-standing expertise in IP and video networking.

ACT's Converged Communications Services—IPTV Infrastructure Service

This service from ACT includes the consulting, integration, and deployment services that your organization will need to optimize network usage, establish competitive differentiation, and enter new service areas with comprehensive IPTV infrastructure solutions. Drawing on proven ACT Global Services methods, intellectual capital, and expertise in IPTV infrastructure technology, ACT can help you to develop a business case and implement an IPTV infrastructure solution customized to meet your immediate and long-term business objectives.

Service components include:

- Solution definition workshop
- Network consulting
- Readiness assessment
- Network design assessment
- Network diagnostic assessment
- Network integration and deployment
- Digital video headend integration and deployment
- Middleware and video-on-demand integration and deployment



At the heart of our IPTV solution; ACT provided IPTV services that communicates and transact between Nevotek IPTV Middleware and Opera PMS system and some other stand alone services as:

- Welcome Message
- Bill View
- Express Checkout
- Pricing and Offers
- Information Channel
- Weather
- News
- Wakeup
- Account Provisioning

ACT IPTV Solution 2

Benefits

- Service providers stand to gain increased competitive advantage and market share and generate enhanced customer loyalty through this IPTV infrastructure solution.
- Start-to-finish plan, design, implement, and support services from skilled ACT specialists worldwide.
- Cisco and ACT's IPTV end-to-end architecture delivers a highly integrated core set of the voice, data, and video services required in a triple-play offering, including IPTV broadcast television, a dynamic interactive programming guide, and video on demand.
- Elimination of multiple networks, sets of equipment, and management applications.
- Implementation of a single, leading, and comprehensive network infrastructure that extends from video headend to the connected home and is designed for scalability and flexibility to support implementation of full converged services to the consumer in the future.
- Attractive, comprehensive, and flexible financing services.



Nile Egyptian Schools

Where Egyptian Education meets International Standards
along with Education Technology

In December 2011, Nile Egyptian Schools, NES, awarded Advanced Computer Technology (ACT), a Leading Integrated Solutions provider in Egypt, a large project in education technology after a tough competition along with other respectable companies in Egypt. Such project scope was to provide an educational technology environment for 5 branches of NES for -5years to cover up a sum of 5000 students. The main components of the project were:

- Blackboard Learn™ for Academic Collaboration: the main platform for education engagement, assessment and collaboration as well course and content management.
- Blackboard Collaborate™ for Web Conferencing: the main collaboration and communication solution for audio/video conferencing and online classrooms.
- Bredge™ School Management System: the main administration and management for the schools such as: financial, buses, HR, admission and registration...etc.
- Microsoft™ Office365®: the main mailing system for the students and teachers to communicate with each other as well as receiving notifications from the Blackboard systems regarding any updates quizzes and tests in their courses. Also, Microsoft™ Lync® the instant messaging and collaboration solution of Microsoft where classmates and teachers over groups can collaborate together and enjoy synchronous and asynchronous collaboration in and beyond the classroom.



The following chart demonstrates the full project's structure through its main components:

Blackboard Learn

“the main application and portal of the project ,”



Bredge SMS

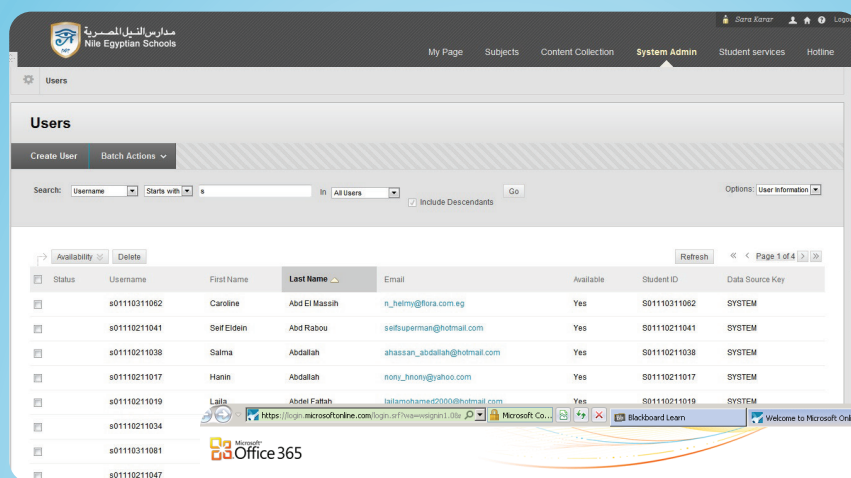


Blackboard Collaborate



Microsoft Office 365

The project doesn't only contain educational applications but it contains upgrades to hardware available at the school's datacenter as well as storage of a total capacity of 2TB. Moreover, networking hardware has been delivered to provide the maximum availability and connectivity between the servers hosting the ap plications.



new customer?

- Access email and calendars from mobile devices
- Create Websites to share documents, contacts, and tasks
- Work with Office documents from virtually anywhere with a browser

sign in

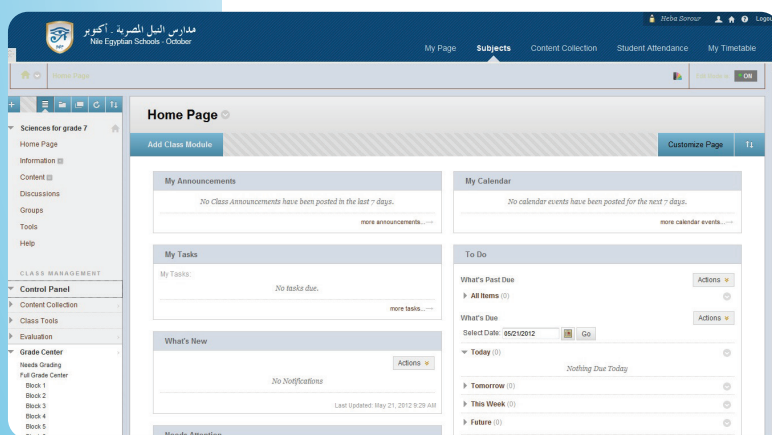
User ID:

Password:

[Forgot your password?](#)

☒ Remember me

☐ Keep me signed in



Blackboard

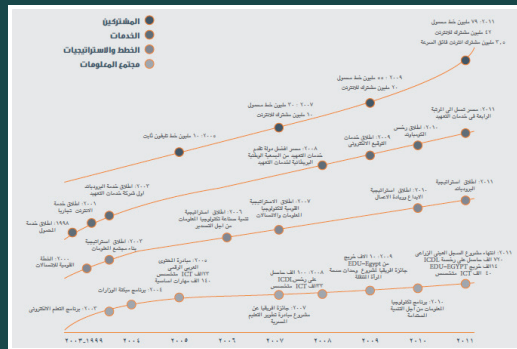


الاستراتيجية القومية للإتصالات و تكنولوجيا المعلومات

المجتمع الرقمي في ظل اقتصاد المعرفة

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- محور تعزيز التعاون الدولي
- ٧- المبادرات الإستراتيجية النوعية
- مبادرة إدارة الهوية الرقمية
- مبادرة المحتوى الرقمي العربي
- مبادرة تطوير التعليم باستخدام تكنولوجيا المعلومات وتقنيات الحوسبة السحابية والحاسب المصري التعليمي
- مبادرة العودة إلى إفريقيا
- مبادرة تمكين ذوي الاحتياجات الخاصة
- مبادرة تكنولوجيا المعلومات الخضراء





قطاع الاتصالات وتكنولوجيا المعلومات... أمس ... واليوم إن التطور المذهل الذي حدث على مستوى استخدام تكنولوجيا الاتصالات وتكنولوجيا المعلومات ما كان له أن يحدث بدون الطفرة التقنية والمؤسسية التي حدثت في مصر منذ عام ٢٠٠٠ والتي مرت بمراحل تطور ونضج متعددة. فقد اهتمت الحكومة المصرية منذ عام ٢٠٠٠ بتحرير قطاع الاتصالات وتكنولوجيا المعلومات وتطوير نفاذ وسرعة الإنترنت من خلال بنية تحتية تكنولوجية قوية قادرة على تنفيذ خطط تطوير قطاع الاتصالات وجذب الاستثمارات وتشجيعها على العمل في مصر، مع إحداث طفرة كمية ونوعية في أعداد مستخدمي الإنترنت وقدراهم على تطوير أدوات الاتصالات وتكنولوجيا المعلومات بصورة خلاقة في عدة مجالات تمس الحياة اليومية للمواطن والأداء الاقتصادي للدولة.

الرؤية :

نحو مواطنة رقمية عادلة واقتصاد معرفي متطور في ظل التحول الديمقراطي

الرسالة :

تنمية مجتمع ديمقراطي معرفي يدعم اقتصاد مصري قوى ويرتكز على الإتاحة العادلة للمعلومات وجودة الخدمات لضمان حقوق المواطن الرقمية وتطوير صناعة قومية قائمة على المهارات البشرية والإبداع

الأهداف الإستراتيجية والأهداف الكمية

أولاً: دعم التحول الديمقراطي:

ثانياً: تعزيز المواطنة الرقمية ومجتمع المعلومات

ثالثاً: دعم التنمية المستدامة/ الاجتماعية من خلال تطوير أدوات تكنولوجيا المعلومات والاتصالات

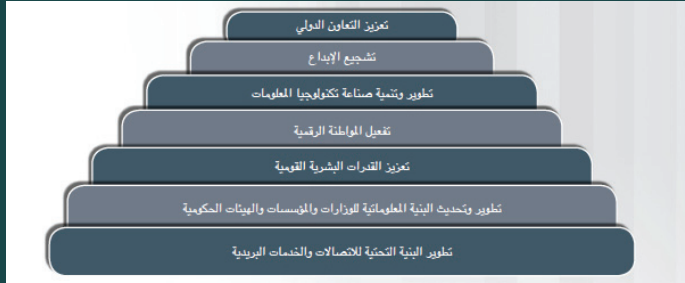
رابعاً: تعزيز الاقتصاد الوطني من خلال تنمية اقتصاد المعرفة

خامساً: تطوير السياسات الإستراتيجية العامة والتنوعية

السياسات النوعية المقترحة ويشار إليها باللون



التربيع الهرمي لمحاور استراتيجية قطاع الاتصالات وتكنولوجيا المعلومات ٢٠١٧ - ٢٠١٢



٦- المحاور الإستراتيجية وبرامج العمل التنفيذية

٧- المبادرات الإستراتيجية النوعية

وتشمل ما يلي:

- إدارة الهوية الرقمية
- المحتوى الرقمي العربي
- تطوير التعليم باستخدام تكنولوجيا المعلومات وتقنيات
- الحوسبة السحابية والحاسب اللوحي التعليمي
- العودة الى إفريقيا
- تمكين ذوي الاحتياجات الخاصة
- تكنولوجيا المعلومات الخضراء
- المبادرات الإستراتيجية النوعية

الهيكل المعماري للحوسبة التعليمية والخدمات المصاحبة



وصف وأهداف المبادرة



كلهة العدد



أ/عاطف كليب

رئيس أول قطاع العمليات

عزيزي القارئ ...

أعتاد الناس الاعتماد على نظم المعلومات والاتصالات للتواصل مع بعضهم البعض من خلال مجموعة متنوعة من الأجهزة (الهاردوير)، وتعليمات معالجة المعلومات (البرمجيات)، كذلك قنوات الاتصالات (الشبكات)، وأيضا البيانات المخزنة (موارد البيانات). حيث تلعب نظم المعلومات دورا حيويا في نجاح الأعمال في أي مؤسسة.

قبل الآن/هذا الوقت، كان الشائع رؤية أكوام من المجلدات والملفات المستخدمة وغير المستخدمة، والتقويمات، والكتب، والمذكرات، كذلك دليل الهاتف، والمذكرات، و الكتب، وسجلات الجرد، هذا فضلا عن خزائن الملفات، وزحمة مساعدي المكتب (عند تسليم البريد) ... الخ. كما كان من الشائع سماع ان البريد المرسل منذ اسبوع لم يتم تسليمه بعد. أما الآن فقد غيرت ثورة تكنولوجيا المعلومات والاتصالات كل هذه الفوضى لتتحرك بسرعة نحو تغيير العمل نفسه.

وقد تم مراجعة عملية تشغيل الأعمال ومحاولة تحويلها لنظم آلية معلوماتية تقوم بتجميع، ومعالجة، وتخزين، وتوزيع الرسائل الإلكترونية والوثائق/المستندات وغيرها من أشكال التواصل بين مجموعات العمل الفردية والمنظمات.

مثل هذه الأنظمة تم الاطلاع التشغيل الآلي للمكاتب والاتصالات السلكية واللاسلكية ونظم المعلومات المستندة إلى تجميع ومعالجة وتخزين وتوزيع الرسائل الإلكترونية والوثائق وغيرها من أشكال الاتصالات بين مجموعات العمل الفردية والمنظمات. حيث يمكن لمثل هذه الأنظمة تحسين التعاون وإنتاجية الموظفين من خلال تقليل الوقت والمجهود لازم لإنتاج وتوزيع وتبادل المعلومات المكتبية بشكل فعال.

ويشمل نظام التشغيل الآلي للمكاتب خمسة أنظمة فرعية كالتالي:

- أنظمة النشر الإلكتروني مع تلك الأنظمة، يمكن للمؤسسات تصميم وطباعة النشرات الخاصة بها، وكذلك الكتيبات والكتب من خلال عدة أنماط مختلفة، والرسومات، والألوان في كل صفحة.

- أنظمة الاتصالات الإلكترونية يوجد العديد من التطبيقات مثل البريد الإلكتروني (الأيمل)، والبريد الصوتي، وأنظمة الفاكس والفيديو، والتي تساعد المنظمة/المنشأة في إرسال رسائل نصية، وصوتية، أو فيديو، كذلك تقوم بنقل نسخ من الوثائق والمستندات والحصول عليها في ثوان مما يحد من استهلاك الورق.
- أنظمة التعاون الإلكترونية أن الأنظمة الإلكترونية لتنظيم الاجتماعات والتي تشمل استخدام الاتصالات المرئية والمسموعة وتسمح بعقد المؤتمرات والاجتماعات بين المشاركين سواء على مستوى المبنى، أو البلد وذلك لتقليل الحاجة إلى السفر من وإلى الاجتماعات وبالتالي يساهم في توفير وقت الموظف ونفقات السفر.
- أنظمة معالجة الصور هذه الأنظمة تسمح للمستخدمين بالتقاط الصور إلكترونيا، وتخزينها، ومعالجتها، ثم إسترجاع الصور من الوثائق التي قد تتضمن بيانات رقمية، أو نصية، أو كتابة يدوية، هذا فضلا عن الرسومات والصور الفوتوغرافية.
- أنظمة إدارة المكاتب وهي تشمل التقويمات الإلكترونية، ودليل البريد الإلكتروني، والمنظم الآلي، ونظم إدارة المهام للمساعدة في تنظيم أنشطة العمل.

التحول من العمل اليدوي إلى نظام التشغيل الآلي هو وسيلة رائعة لتوفير المال والوقت مع حماية معلومات العمل الهامة. فالتناس لم تعد تريد تخزين السجلات الورقية أو صيغ المكاتب اليدوية وغيرها من المعلومات اللازمة للقيام بالعمل. لا يزال هناك تحديا لموظفي العمل القدامى فقد يجدون صعوبة في التكيف مع النظام الجديد عدم قدرة على استخدامه بكفاءة ولكن مع من التدريب المتواصل يمكن التغلب على هذا التحدي.

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