



Case Studies & Testimonials

BiGuard SSL VPN Security Appliance Series

3 Solutions
in 1 Box



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V. 011608

Agenda

- ✓ Remote access to ERP system
- ✓ Remote surveillance solutions
- ✓ BiGuard S20 user experiences



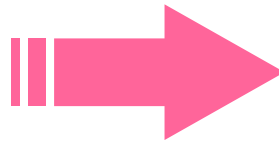
Case study I - Remote access to ERP system

Background

Manufacturer ABC* based in Taiwan expanded and opened new branch offices around the island. Secure communications between the branch offices needed to be set up, so that both employees in these branch offices as well as those traveling could access their **Enterprise Resource Planning (ERP) systems** located in the head office. In addition, their business partners needed to keep track of the production status.

Requirements:

- ✓ **Cost-Saving**
- ✓ **High Security**
- ✓ **Easy access**
- ✓ **High compatibility**
- ✓ **Easy management**



**Billion's BiGuard SSL/
IPSec VPN Series fits all
their needs.**



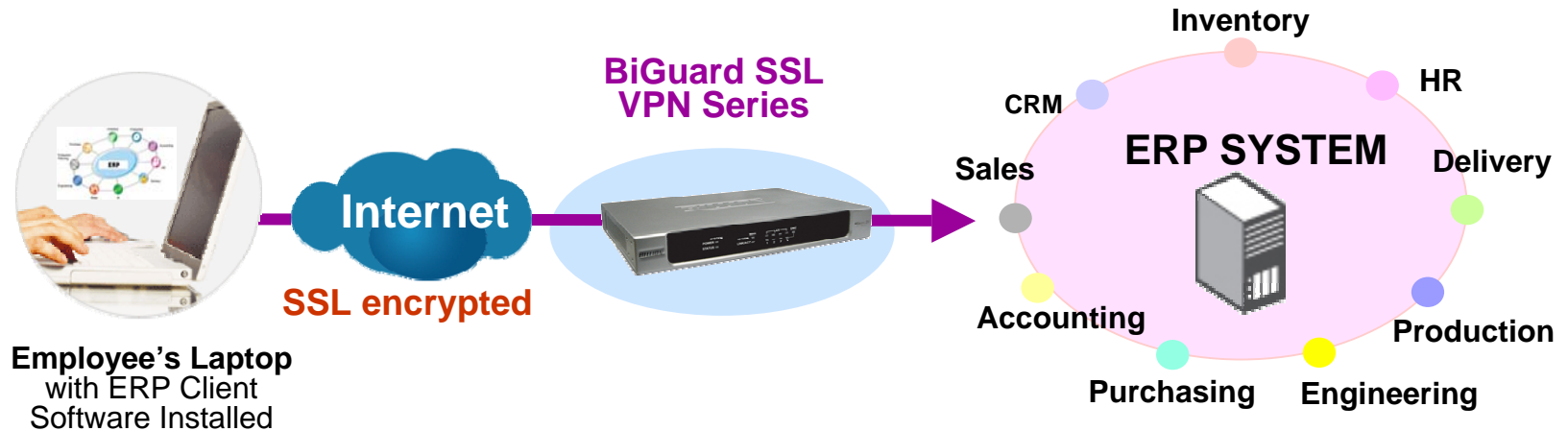
* Actual company name not to be disclosed.

Remote access to ERP system

- using Network Extender technology

Type of remote users: CEO / financial managers / sales people

Sales people or financial managers of ABC company's branch offices island-wide can access the ERP system located in the head office by using the Network Extender of the SSL VPN gateway. With their laptops, pre-installed with ERP client software, they can establish a secure SSL VPN tunnel to the ERP system.

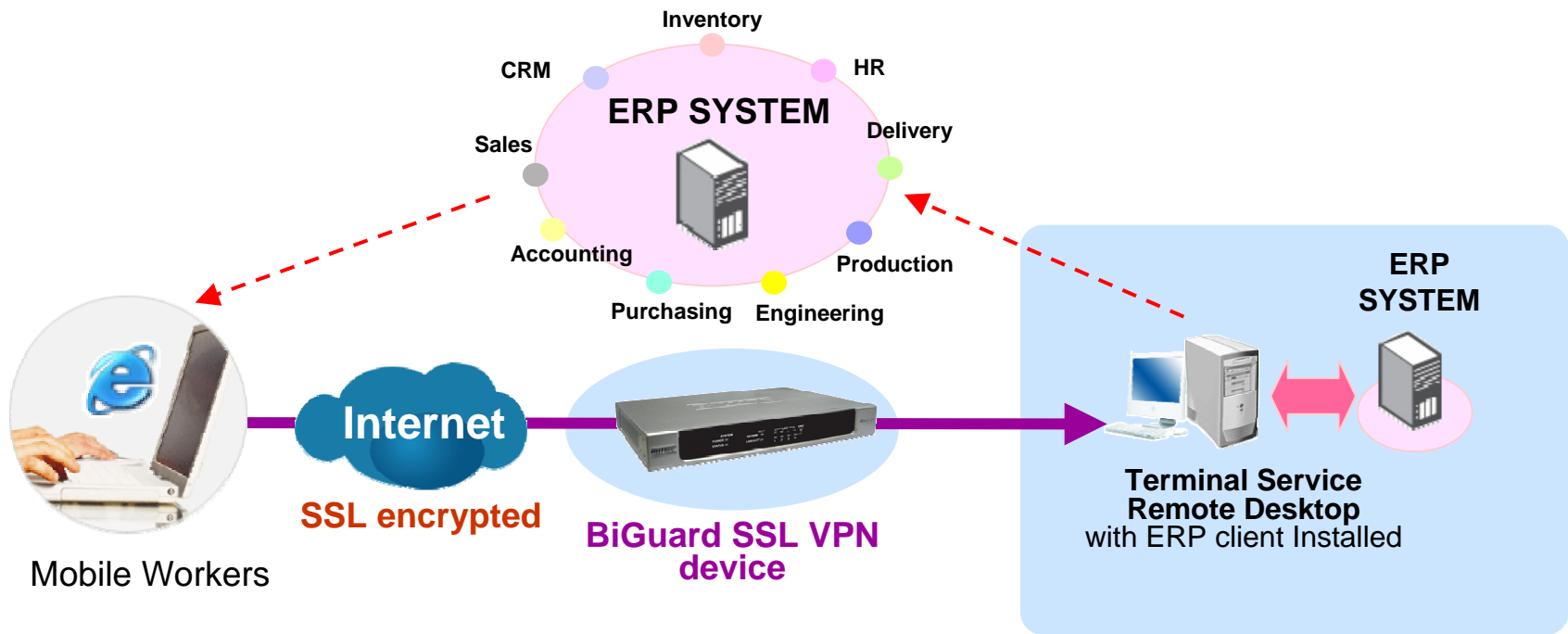


Remote access to ERP system

- using application proxy (RDP)

Type of remote users: mobile workers / business partners

Remote workers from home or business partners can access the ERP system in the head office by opening the Remote Desktop Protocol (RDP) client feature from the SSL VPN web portal using any Internet browser from any location.

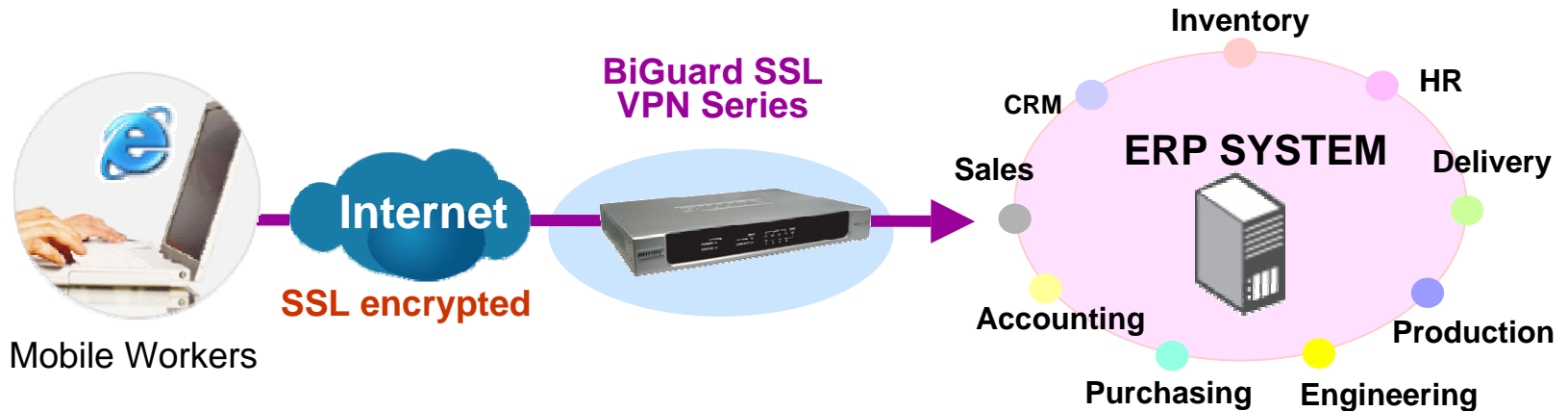


Remote access to ERP system

- using application proxy (http)

Type of remote users: mobile workers / business partners

Remote workers or business partners can access the web-based ERP system in the head office by establishing a secure SSL VPN connection using any Internet browser from any location.



Case study II - Remote surveillance solutions

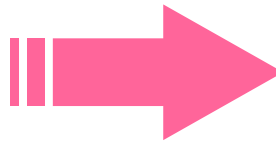
Background

XYZ* company is a value-added system integrator located in the USA, and is planning to provide their customers with a remote monitoring services over secure private networks at homes, workplaces, schools, communities, health and elderly care centers, and hospitals. In addition to broadband Internet access service, their customers need to set up surveillance to remotely monitor their homes, plants, work centers and computer facilities in their respective branch offices.

However, the images are transmitted through the public Internet, which is open to the risk of hacking. Addressing transmission security is the highest priority for implementation.

Requirements:

- ✓ **Cost-Saving**
- ✓ **High Security**
- ✓ **Easy access**
- ✓ **High compatibility**
- ✓ **Easy management**

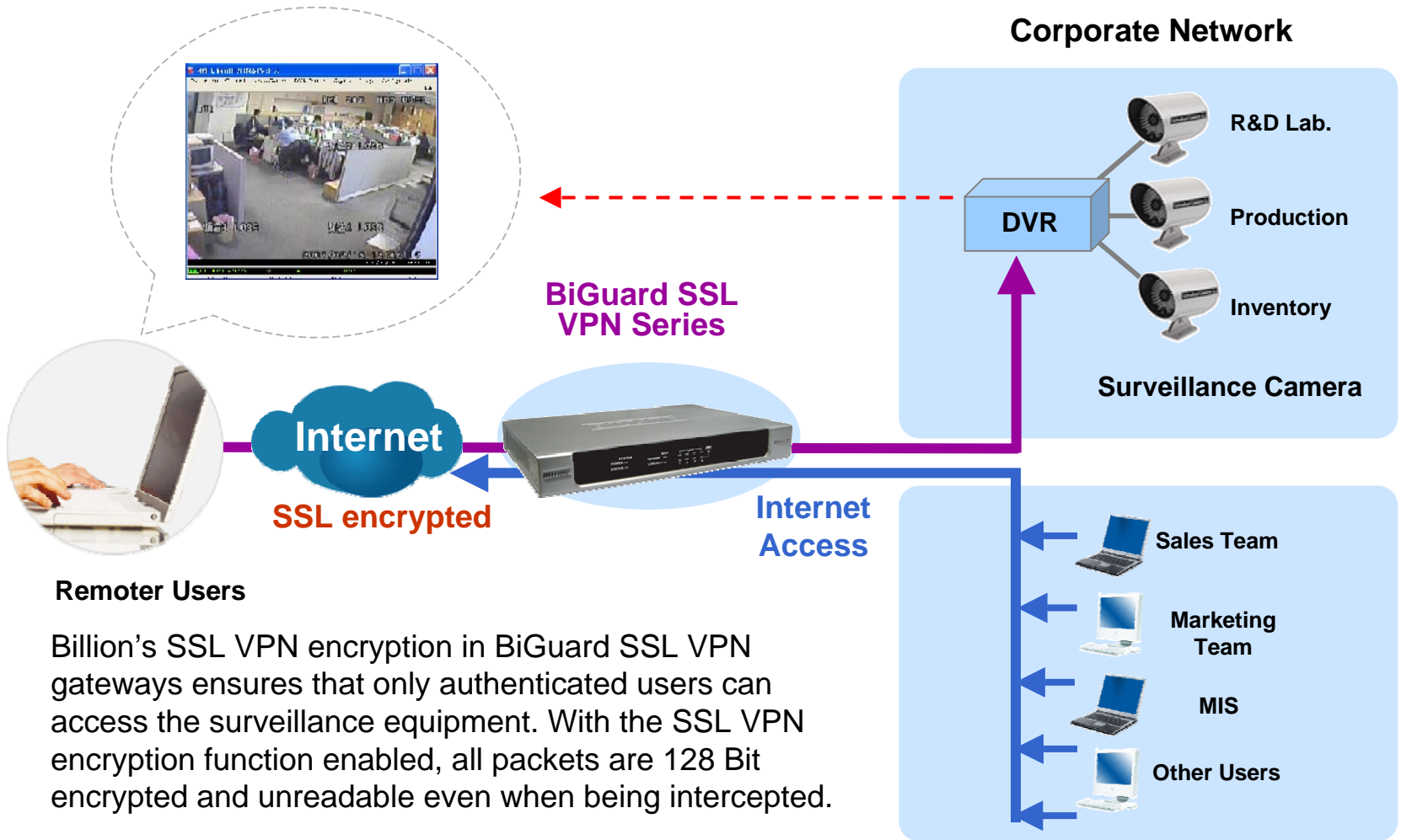


Billion's BiGuard SSL VPN Series meets all their needs.



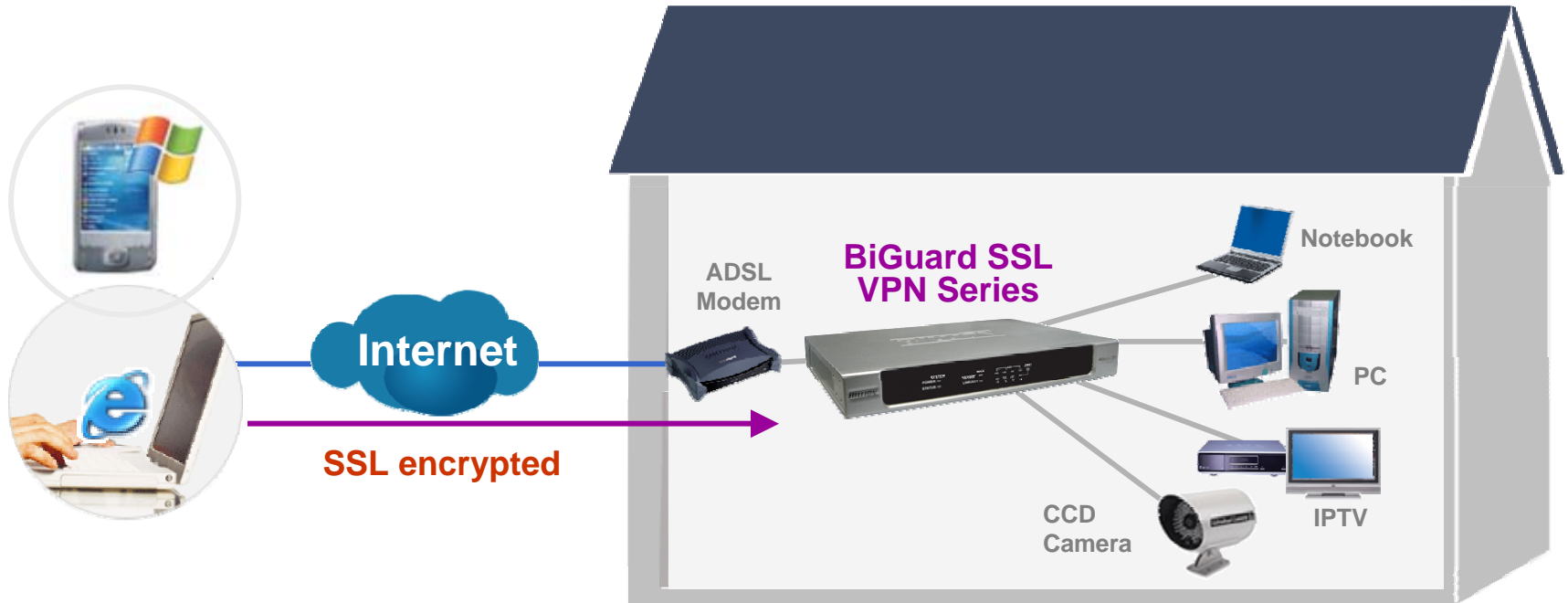
* Actual company name not to be disclosed.

Remote surveillance application diagram I



Billion's SSL VPN encryption in BiGuard SSL VPN gateways ensures that only authenticated users can access the surveillance equipment. With the SSL VPN encryption function enabled, all packets are 128 Bit encrypted and unreadable even when being intercepted.

Remote surveillance application diagram II



Surveillance side:

The remote user uses a PC / PDA with an Internet browser to connect to the monitor by entering the IP address or domain name of the BiGuard SSL VPN gateway.

Remote camera side:

Connect the monitoring camera in the community or at home to a BiGuard SSL VPN, and then connect the BiGuard SSL VPN gateway to the Internet through an ADSL or Cable modem. Any remote user needs to be authenticated by this access point before being able to monitor the camera.

Case study III - BiGuard S20 user testimonial

- Rusttology

“I have established IPsec VPN tunnels with Snapgear, Netgear and D-Link routers with absolutely no issues. (I simply ran the default settings using the quick configuration tool and bang – it connected).

Telstra Cable Extreme Download Throughput from Microsoft Downloads comes through @ 1.78 Mbytes p/s (or 18.6 Mbits). The Netgear FVS318 V1 was only ever able to achieve 860 KB throughput from MS Download (this is cached on Telstra).

I have 7 Applications and 3 VPN's running and all I can tell you the speed is lightening fast. Not one application failed on deployment (unlike the Cisco 3020 I trialed last week which had major issues with eware.dll). Network Extender works like a treat, as does Transport Extender (which is what the majority of the users will be using)

The Remote Desktop function and Network Places Client work very well – experience with RDP is equal to local LAN access. So in short, thank you for switching me on to the S20 – I believe these units have got a very fine future ahead of them.”

Paul McFarlane, Rusttology

Company Information

Rusttology - Integrated Technology Solutions is an IT Solutions Provider in Australia, specializing in custom IT Infrastructure Solutions for clients in the Small Business to Small Enterprise range. For more information about Rusttology, please visit www.rusttology.com.au.



BiGuard S20

Case study IV - BiGuard S20 user testimonial

- SiPro Technology

“Due to our business nature and small operation, the BiGuard S20 offers convenience to our employees for remote working from anywhere and easy channel management for supervision levels. Thus business productivity is enhanced.”

“The most important – the BiGuard S20 is truly the best value for money!”

Tony Wu, Sales Director of SiPro Technology

Company Information

SiPro Technology is a network system Integrator in Taiwan reselling world-leading hardware equipment such as Juniper, Allot, Radware, Fortinet and Cisco via its 50 sub-dealers island-wide.

Why choose the BiGuard S20?

- ✓ For employees to remotely retrieve emails and protect the email server in the office
- ✓ For external resellers and partners to download product information (product ppt files, new firmware, sales information...etc.) from the company's FTP server
- ✓ For technical staff to remotely maintain PCs and network equipment
- ✓ Cost-savings



BiGuard S20

The benefits BiGuard S20 creates

- SiPro Technology

Applications and Benefits

- ✓ The BiGuard S20 enables email retrieval from remote sites and protects the company's email server from spam emails.
- ✓ The BiGuard S20 enables remote access to the FTP server for external resellers and business partners to download files which are usually big enough to blow up an email box. It saves effort to broadcast to multiple parties and avoids traffic jams on the networks. Using the "scheduling" function, the FTP download can be configured so that it's only available during off-peak time so that employees working in the office will not suffer from a slow network. The "Log" function also logs resellers' logging activities, making knowledge sharing easy.
- ✓ The "RDP" feature of the SSL VPN gateway saves effort for remote users to re-configure the email boxes of remote PCs, and eliminates the necessity to maintain 2 different email boxes at both the remote site as well as in the office. Employees can log into the intranet to outside of office hours to continue their work should they want to do so.
- ✓ The "Telnet in Application Proxy" feature enables technical staff to log in, maintain and troubleshoot PCs and network equipment in the office from remote locations.
- ✓ Two WAN and Load Balancing features address the need for WAN Link redundancy and backup issues. It eliminates the need additional network equipment.

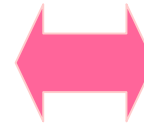
Successful technical tests by world-leading ERPs

- Oracle, Data Systems, Lancer, Weway

ORACLE



寶盛數位科技
LANCER



BiGuard SSL VPN Series



3 Solutions in 1



**Thank you for your
attention !**

