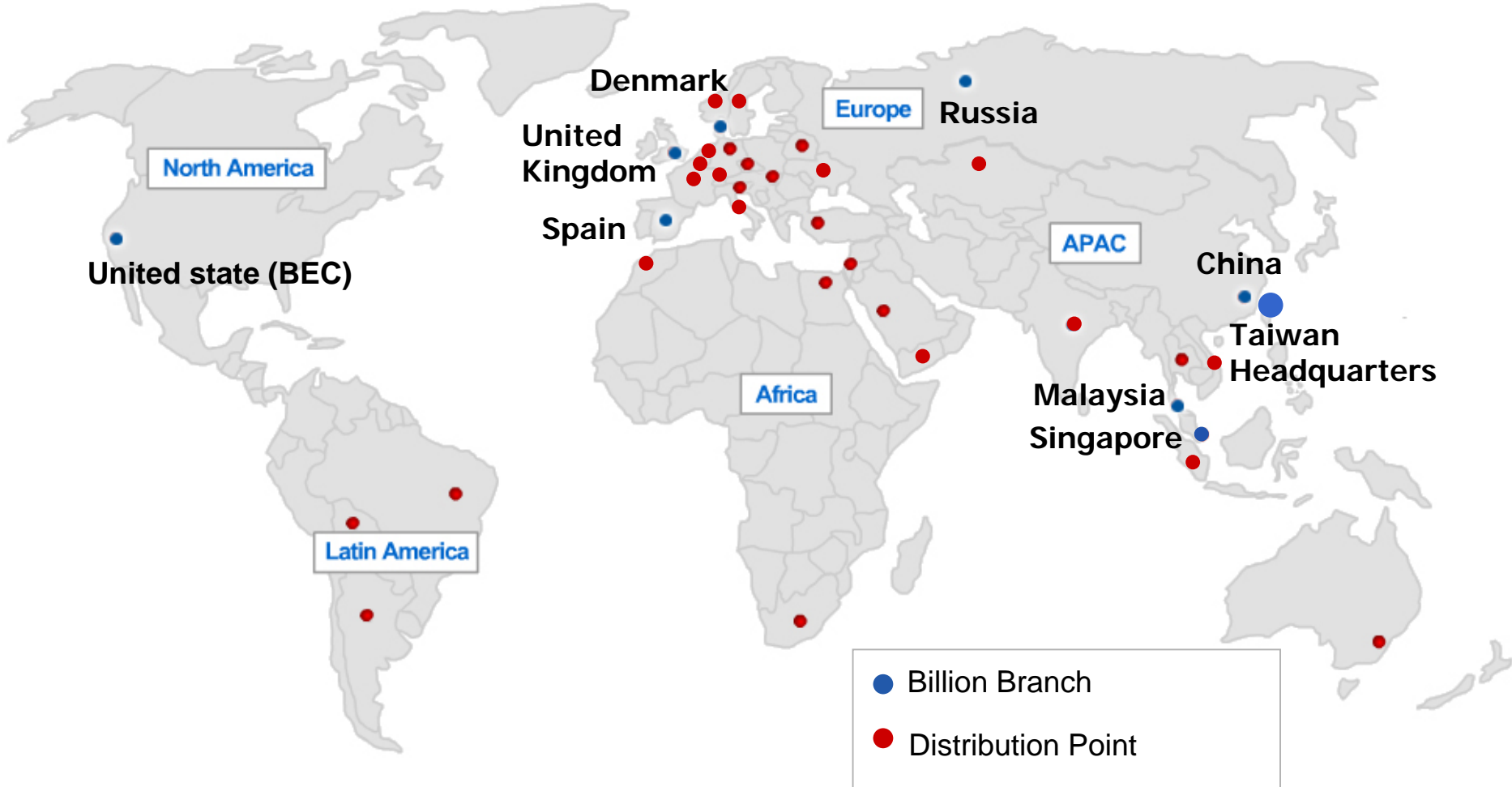# Billion Corporate Overview

Billion Quick Facts

Billion Electric Co., Ltd., one of the leading providers from Asia Pacific rim for power supply and network communications equipments
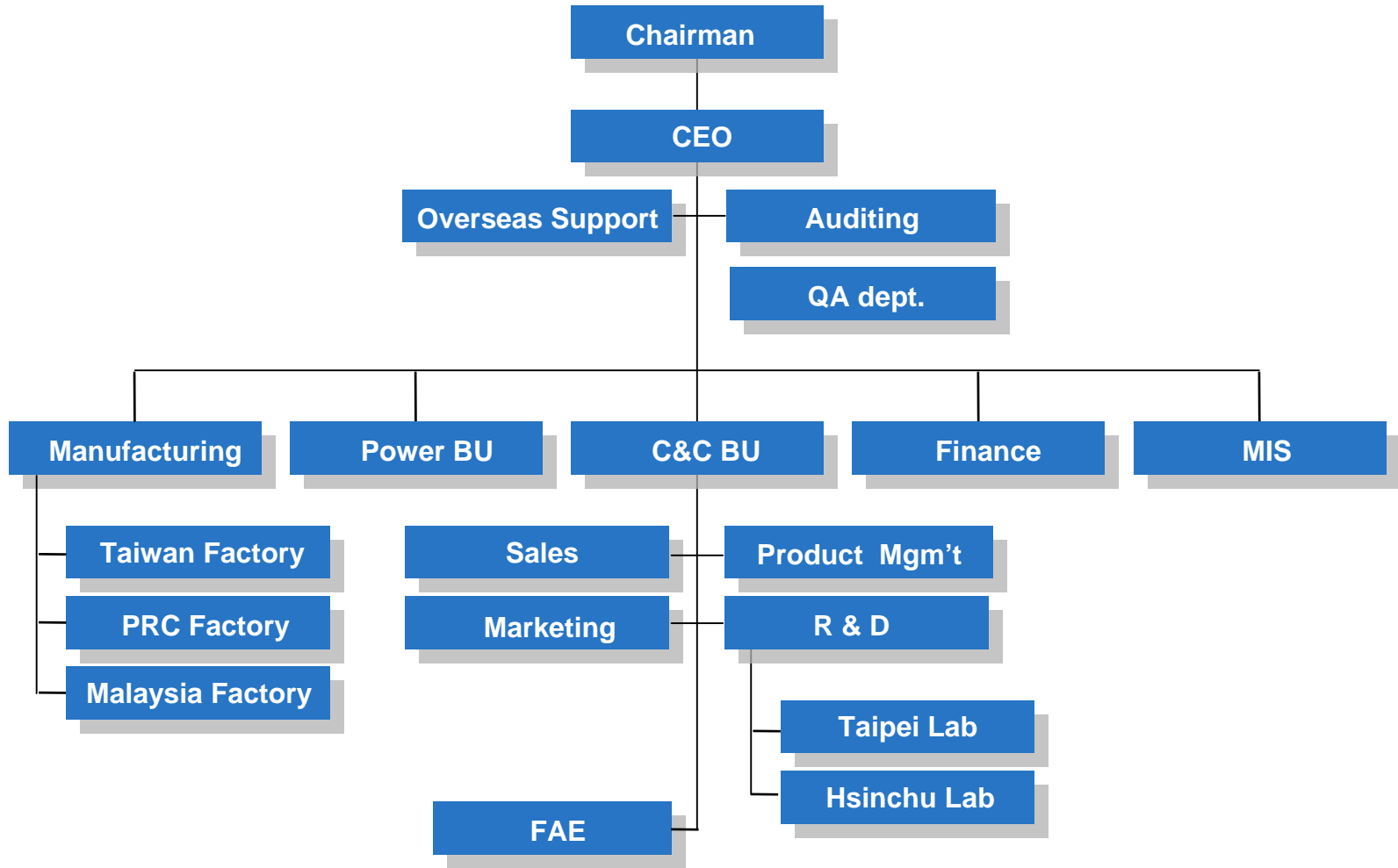
- **Establishment** : 1973
- **Chairman** : Tim Chen
- **CEO** : Tim Chen
- **Headquarters** : Taipei, Taiwan
- **Capital** : USD 31.032 Million
- **Business Division** : Power Division
  Communication Division
- **Employees** : 900+ *(including China factory)*
- **Initial Public Offer** : Taiex Stock Exchange
  (Taiex #3027) since Jan. 19, 2000

Billion Worldwide

BILLION

North America

United state (BEC)

Latin America

Denmark

United Kingdom

Spain

Europe

Russia

Africa

APAC

China

Taiwan Headquarters

Malaysia

Singapore

- Billion Branch
- Distribution Point

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Billion Organization

```
                          Chairman
                              |
                             CEO
                              |
    Overseas Support ─────────┼───────── Auditing
                              |
                              |          QA dept.
                              |
   ┌──────────┬──────────────┼──────────────┬──────────┐
Manufacturing  Power BU    C&C BU          Finance      MIS
   │                          │
   ├─ Taiwan Factory    Sales ─── Product Mgm't
   │                          │
   ├─ PRC Factory     Marketing ─── R & D
   │                          │        │
   └─ Malaysia Factory        │        ├─ Taipei Lab
                              │        │
                             FAE ──────┴─ Hsinchu Lab
```

Billion Milestone I

1973	Founded by Mr. C. F. Chen to develop power products
1977	Power Transformer approved by UL/CSA, USA
1993	Established Communication Division to develop ISDN technologies and ISDN products
1998	Established EG-Billion factory in China (100% owned by Billion Taiwan)
2000	■ Went public listed (IPO) in Taiwan stock market (Taiex: #3027) ■ Ranked as worldwide Top 3 ISDN manufacturer
2001	ADSL products approved by British Telecom Lab
2002	ADSL products passed U-R2 test at Cetecom Lab

Billion Milestone II

2003
- New office and factory in China were under construction
- Expanded SMT, DIP and assembly lines at Billion HQ Taiwan

2004
- Launched **BILLION** brand and a great number of ADSL modem/routers – VoIP, Homeplug, Wireless, Firewall, VPN
- Strategic alliance with Trend Micro on myGuard Security ADSL Router

2005
- EG-Billion China new factory (1st-phase) started operation in January
- Launched a few series of modem / router with ADSL2+ technology
- Merged a SMB-gateway-team, Argus Technologies, and launched "BiGuard" series of SMB security gateways
- ADSL2+ VPN Firewall Router - BiPAC 7402 received "Editor's Choice Award" from the APC magazine Australia
- Invented self-developed BiNOS network OS

Billion Milestone III

2006

- Wireless ADSL2+ Router - BiPAC 7300G and VoIP/802.11g ADSL2+ Firewall Router - BiPAC 7404VGP won "Editor's Choice" from the APC magazine June Australia

- VoIP/802.11g ADSL2+ Firewall Router - BiPAC 7404VGD was awarded "Computex Live Test Center Award 2006" from PC Professionell magazine

- Completed TR-069 interoperability testing with SupportSoft

- Launched World's first SSL VPN Gateway with integrated router and firewall functions

- Billion leaped to next generation Internet protocol by successfully obtaining IPv6 Ready Logo Certification

- VoIP/802.11g ADSL2+ Firewall Router - BiPAC 7404VGP won the "Atomic Hot Performance Award" from Australia's Atomic MPC magazine

- Billon-branded routers won the "Wireless Router Award" from Australia's PC Authority magazine

- SSL VPN Security Gateway - BiGuard S10 won the "Recommended Award" from UK's TrustedReviews

Billion Milestone IV

2007	■ Set up R&D Lab in Nang Jing, China to develop high-end SMB security appliances in January
	■ Wireless ADSL2+ VPN Firewall Router - BiPAC 7402G won "Tip from editor, best buy" award from Slovakia's PC REVUE magazine January
	■ SSL VPN Security Gateway - BiGuard S10 won "Recommended" award from UK's PC Pro magazine February
	■ Billion's Power division was grant a contract of power adapter for iPod Speaker Systems in June
	■ VoIP ADSL2+ Router – BiPAC 7401VGP won "Best Value" award from Australia's NetGuide Magazine June
	■ SSL VPN Starter Pack – BiGuard S5 won "Best Buy" award from UK's Computer Shopper Magazine Aug. issue
	■ SSL / IPSec VPN Security Gateway - BiGuard S10 won "Best Buy" award from UK's SC Magazine and Spanish PC WORLD "5-Star" in October
	■ 3G/ADSL Wireless Router – BiPAC 7300GX won "Best Buy" award from UK's Computer Shopper Magazine November

Billion Milestone V

2007	■ Strategic alliance with Data Systems, a Taiwanese ERP vendor, providing ERP-customized BiGuard SSL VPN Security Gateways
	■ Dual-WAN SSL / IPSec VPN Security Gateway - BiGuard S20 won "Recommended" award from UK's TrustedReviews.com in November
	■ SSL / IPSec VPN Security Gateway - BiGuard S10 won the quality certification - "Garantia" award from Spain's Dealer World Magazine in November
	■ 3G / ADSL2+ Wireless Router - BiPAC 7300GX won a high score. 5 of 6 points from Denmark's Mobilsiden on-line product review in November
	■ 3G / ADSL2+ Wireless Router - BiPAC 7300GX won "Recommended" award from Spain's TCN magazine in December

Billion Milestone VI

2008
- 3G / ADSL2+ Wireless Router - BiPAC 7300GX wins "4.5 stars rating" from PC Word magazine in Australia.

- Launched BiGuard SSL VPN Tunnels Upgrades for BiGuard S10 and BiGuard S5.

- Launched HomePlug AV 200 Desktop Ethernet Bridge – BiPAC 2070 series and 802.11g Wireless USB Adapter – BiPAC 3012G

- Launched the newly designed range of Dual-WAN 3G/ADSL2+ Router with USB 2.0 port for 3G back up – BiPAC 7402X series

- Dual-WAN SSL / IPSec VPN Security Gateway - BiGuard S20 won "Recommended" award from UK's PC Pro magazine April issue.

Billion Worldwide

Our Laboratory at Hsinchu, Taiwan

Global Headquarters at Taipei, Taiwan

Billion Worldwide

EG-Billion
New Plant at
Shijie, Dongguan China

EG-Billion
New Plant at
Shijie, Dongguan China

3F 無鉛錫爐 (Pb Free)

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Billion's Manufacturing Facts and Green Policy

- **Manufacturing locations:**

  Taiwan, China, Malaysia

- **Four critical checkpoints of Quality Control:**

  - Incoming Quality Control (IQC)
  - In-Process Quality Control (IPQC)
  - Final Quality Control (FQC)
  - Outgoing Quality Control (OQC)

- **Total Production Capacity:**

  400,000 pieces / month

- **International Certification:**

  ISO 9001:2000, ISO 14001:2004, QS 9000, IECQ Certificate of Hazardous Substance Process Management (HSPM)

Production Resources

Plant at Billion HQ, Taipei	Plant at EG-Billion China	Sub-Contractor at China
ISO 9001	**ISO 14000/ ISO 9001/QS 9000**	ISO 9001
1 x SMT	1 x AI	4 x SMT
1 x DIP	1 x SMT	4 x DIP
2 x Assembly	2 x DIP	4 x Assembly
	2 x Assembly	

Total Capacity = 400K pieces / Month

Research & Development

- **R&D team of Communication Division**
  - 70% in software development
  - 30% in hardware development

- **Core Competence**
  - ISDN Driver: 100% developed by Billion
  - ADSL/ADSL2+ technology: Own Source Code for high-end products
  - SMB Security Gateway: Developed by Billion professional and innovative R&D team
  - Customized Flexibility

Core Technologies

WAN				
Ethernet	ADSL2 ADSL2+	SHDSL	VDSL2	ISDN

Technologies				
IPSec VPN SSL VPN	Load Balance Fail over	QoS	VoIP	Bonding
Firewall	WPA2	Routing	UPnP Easy Sign-On	Anti-Virus
PBX	PPP	Management	Integration	Anti-Spam

Network					
Ethernet Switch	Wireless	Coaxial Cable	Powerline	USB	Voice
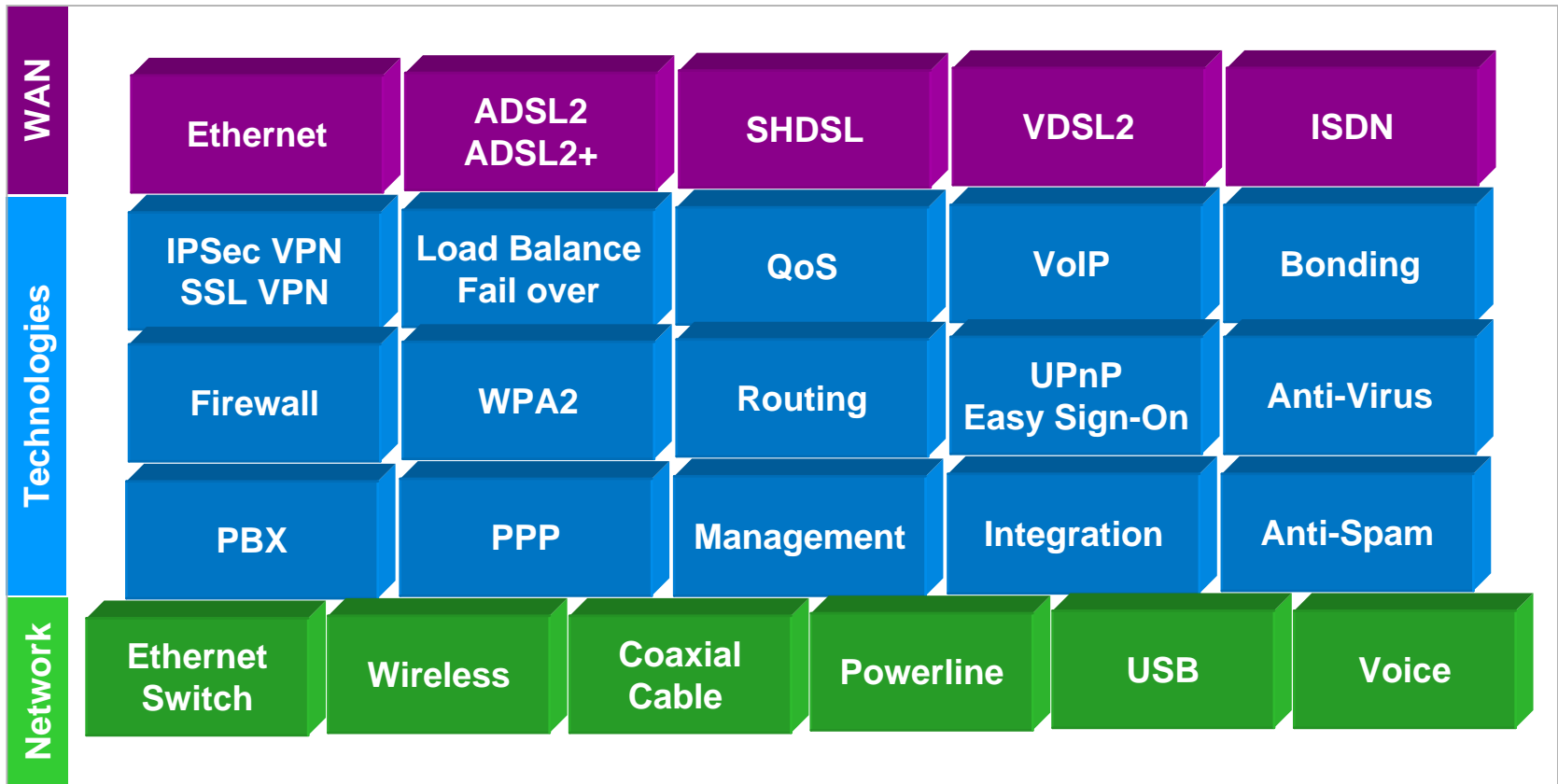
Billion's Networking Solutions

Office and SMB Networking Solutions

- IPSec VPN Security Gateway
- SSL VPN Security Gateway
- SHDSL Router
- Firewall ADSL2+ Router
- Dual-WAN 3G/ADSL2+ Router
- Wireless ADSL2+ Router
- VoIP Router

Home User Networking Solutions

- Firewall ADSL2+ Router
- Dual-WAN 3G/ADSL2+ Router
- Wireless ADSL2+ Router
- VoIP Router
- VDSL2 Modem/Router
- Home Networking Router
- ISDN Product

Customer Reference

Telco / ISP

- Italy   Tiscali (ADSL)
- Norway   Telenor (ADSL)
- Sweden   Telia (ISDN)
- France   Cegetel (ADSL)
- The Netherlands   Bbned (ADSL)
- Germany   Deutsche Telekom (ISDN, ADSL)
- Portugal   Portugal Telecom (ADSL)
- Thailand   TRUE, ToT, TT&T, CAT (ADSL)
- Malaysia   Telecom Malaysia (ADSL)
- Argentina   Telefonica, Telecom (ADSL)
- India   VSNL (TATA indicom),
                           Reliance (ADA Group)(ADSL)
- South Africa   Telkom (ADSL)
- Vietnam   VNPT (ADSL)

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Honor and Awards

"Good" Appraisal

myGuard 7500GL

Recommendation of the editors office

myGuard 7500GL

"Good" Appraisal

myGuard 7500GL

"Top Buy" Award

BiPAC 5100

"Price & Performance" Award

BiPAC 5102G

"Value & Power Award"

BiPAC 7500G

"Editor's Choice" Award

BiPAC 7402

"Trade Only" Award

BiPAC 7402G

"Performance" Award

BiPAC 7402G

""Tip from editor, best buy"

BiPAC 7402G

"Computex 2006 Award"

BiPAC 7404VGD

* For details, please refer to http://www.billion.com/2008award.html

Honor and Awards

The atomic "Hot" Award

BiPAC 7404VGP

"Editor's Choice" Award

BiPAC 7404VGP
BiPAC 7300G

"Wireless Router Award"

Billion Router series

"Best Value" Award

BiPAC 7401VGP

"Best Buy" Award

BiGuard S5
BiPAC 7300GX

"Recommended" Award

BiGuard S10
BiGuard S20

"Trade Only" Appraisal

BiGuard S10

"Recommended" Award

BiGuard S10
BiGuard S20

"Highly Recommended" Award

BiGuard S10

"Best Buy" Award

BiGuard S10

"Garantia" Award

BiGuard S10

"Recommended" Award

BiPAC 7300GX

* For details, please refer to http://www.billion.com/2008award.html

Powering communications with **S**ecurity

✓ **"Recommended" Award**

Overall performance: ★★★★☆

"The S20 offers a fine range of SSL VPN features for the price, along with a very affordable OTP solution."

PC PRO magazine UK, April issue, 2008
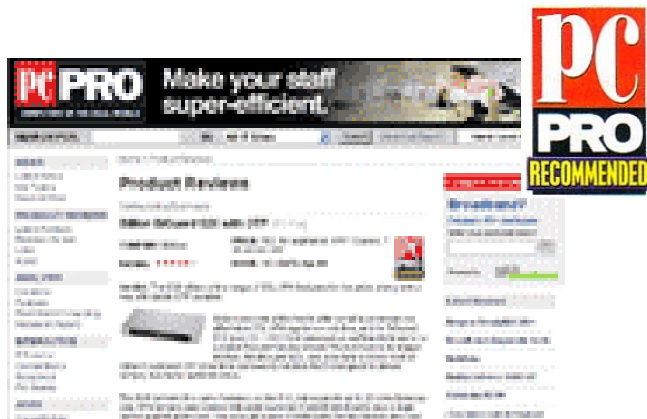
✓ **"Recommended" Award**

Overall performance: ■■■■■■■■□ 9/10

"The S20 shows that SSL VPNs are the way forward for providing secure access to the LAN for remote workers. For the price, it offers a lot of useful feature for smaller businesses and the optional OTP solution makes it even more versatile."

TrustedReview.com, UK, Nov. 2007

✓ **"Recommended" Award**

Overall performance: ★★★★☆

"… With the BiGuard S10, Billion has go it just about right. It offers an impressive range of SSL VPN functions, is easy to use and costs far less than most other hardware solutions currently available."

PC PRO magazine UK, February 2007

✓ **"Highly Recommended" Award**

Overall performance: ★★★★☆

"This Billion VPN is a great example of the new technology wave: it's a tiny fraction of the normal VPN price, it requires almost no set up and it does indeed work with Firefox, Internet Explorer, Opera and Safari."

apc magazine AU, May 2007 issue

✓ **"Best Buy" Appraisal**

Overall performance: ★★★★★

"The BiGuard S5 is the easiest VPN gateway we've seen. ...."

"With no client software required...this is an incredibly easy system to use. The BiGuard S5 is an excellent choice for the small business that is serious about secure remote access."

by David Ludlow, Computer Shopper Magazine, UK August Issue, 2007

Our Business Philosophy

Quality Dedication

Innovative Technology Development

Best Price and Performance

Commitment to Customers' Satisfaction

Billion's Highest Customer Satisfaction

Billion Receives Best Brand Value Appraisal, winning the "Wireless Router Award" from PC Authority magazine's nationwide survey in Australia

- 90% of Billion respondents were satisfied or very satisfied with their wireless router's range and speed.

- 80% of Billion's customers were satisfied or very satisfied with their reliability.

- 92% of Billion's customers said they would buy another Billion wireless router for general satisfaction

Billion outperformed the other five manufacturers with **the highest grade of six stars**.

MANUFACTURER	SPEED & RANGE	RELIABILITY	SATISFACTION	OVERALL
BELKIN	★★★	★★	★★	★★
BILLION	★★★★★★	★★★★★★	★★★★★★	★★★★★★
D-LINK	★★★★	★★★	★★★★	★★★★
LINKSYS	★★★★★★	★★★★★	★★★★★	★★★★★
NETCOMM	★★★	★★★	★★★	★★★
NETGEAR	★★★★	★★★★	★★★★	★★★★
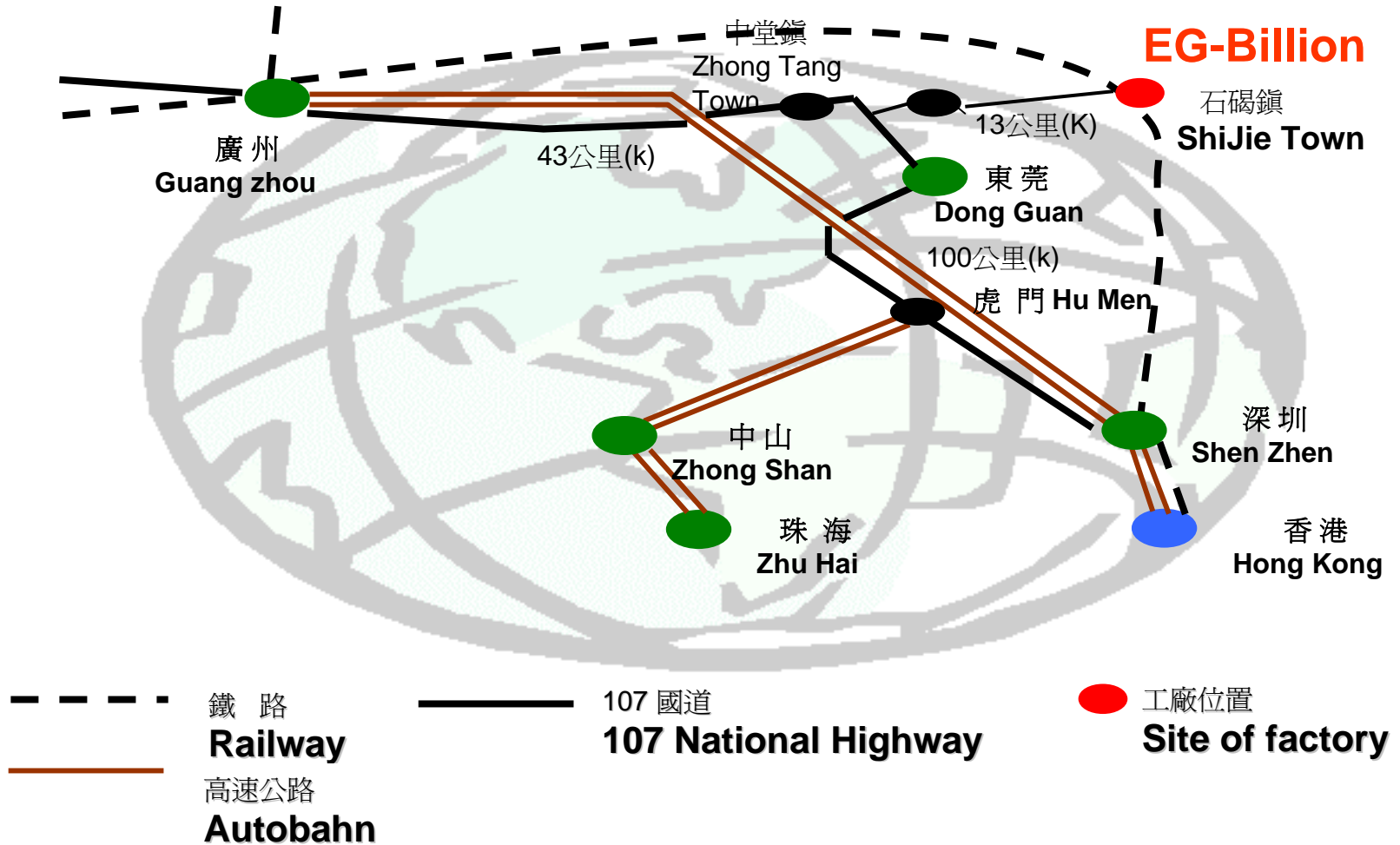
Billion Headquarter Location Map

Billion Headquarter (Taiwan)

Floor 8, No. 192, Sec. 2,
Chung Hsin Road, Hsin Tien City
Taipei County, Taiwan

Tel : +886-2-29145665

Fax : +886-2-29182895
+886-2-29186731

Email : sales@billion.com
marketing@billion.com

Technical Support : support@billion.com

Thank You !