An Introduction to

HYT Science & Technology Co. Ltd.

HYT——A leading radiocommunication solution provider

- Established in 1993
- Headquarter in Shenzhen, China
- Monthly production capability of 60,000 units
- More than1,800 employees with about 450 engineers and technical personnel

HYT Tower

HYT Products & Solutions

Handheld Radio
Mobile Radio
Repeaters
Patrol System
Simul-cast system

Conventional Radio

PT-790
MT-690
iNetra

Tetra System Solution

Trunked system terminals
QH-1327 MPT trunked System
Digital trunked system

Trunked System Solution

Conventional Terminals

Family Radio System

Commercial Radio System

Professional Radio

NEW PRODUCT

PT-790

Tetra Terminal Handset

- Talk Group – TMO: 512 / DMO: 208
- GPS Location Service
- Exceptional Audio Clarity
- Color LCD Display
- Voice Service Call
- Security Service
- Data / messaging Services

NEW PRODUCT

TC-980

Super Features

- IP67 Water Proof
- 5W RF Power(UHF&VHF)
- Real Time Clock and Soft Power Off
- Voice Record (Optional)
- Data Transmission
- HDC1200 HDC2400™ DTMF 2-Tone
- Patrol /Encryption/ Smartrunk Expansion (optional) *

Model	Frequency	Mass Production
TC-980	450-520MHz	1/31/2008
	400-470MHz	1/31/2008
	136-174MHz	3/31/2008

Trunked System

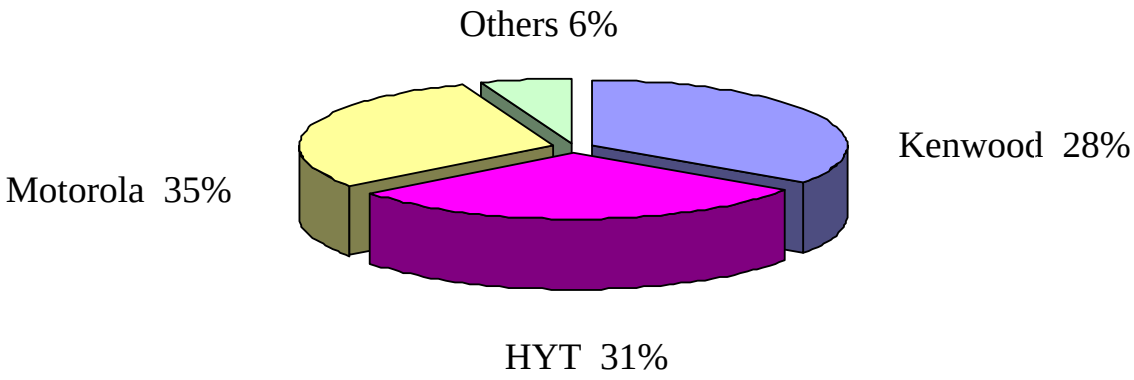
- MPT1327 Trunked Radio System
- Mini-trunked Radio System
- Intelligent Extending System
- Intelligent Conventional Repeater
- Emergency Communication Vehicle
- Portable Trunked Radio

Sales & Marketing

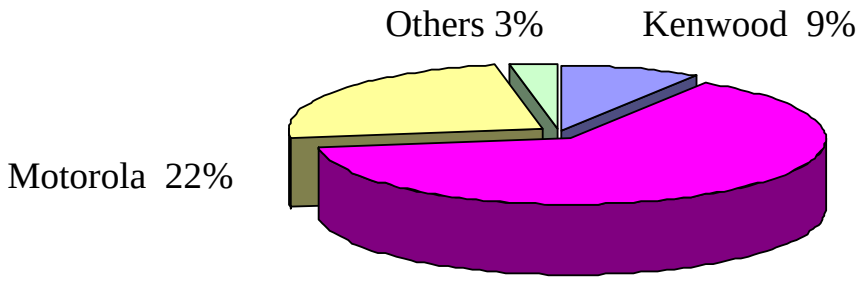
HYT's Global Market

- Subsidiary company: HYT UK
  HYT America
  HYT Indonesia
- Russia, India offices (under establishment)
- 150 distributors around the world
- Products sold to more than 80 countries

HYT's Market Share in China (2006)

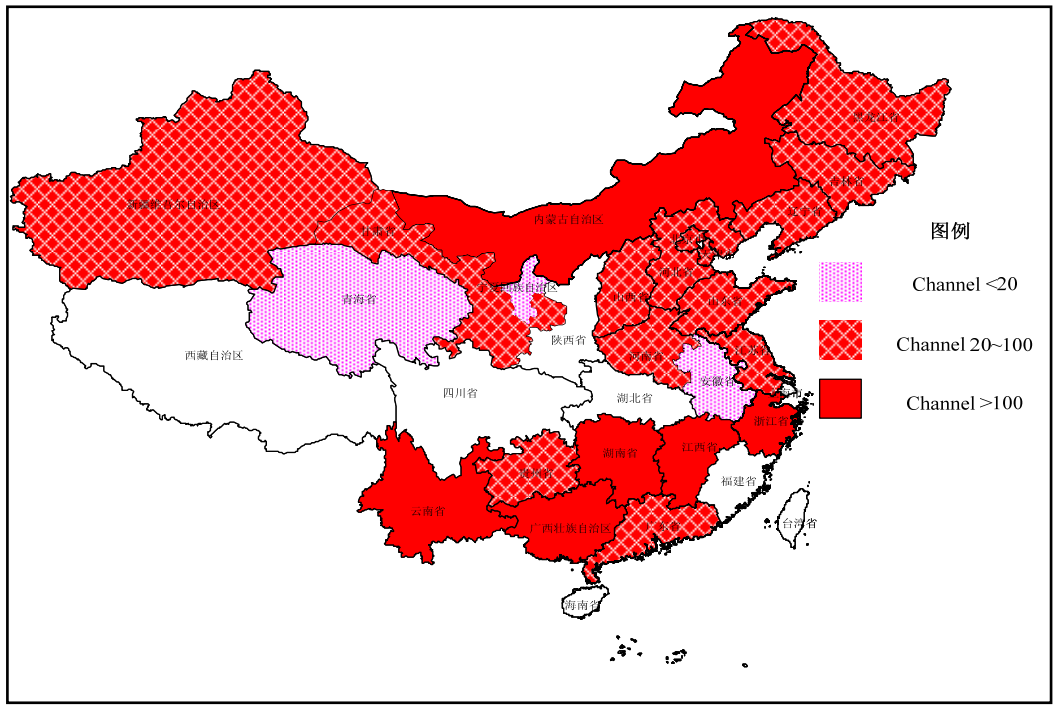


Conventional Terminals



Trunked System

HYT's Trunked System in China (2007)

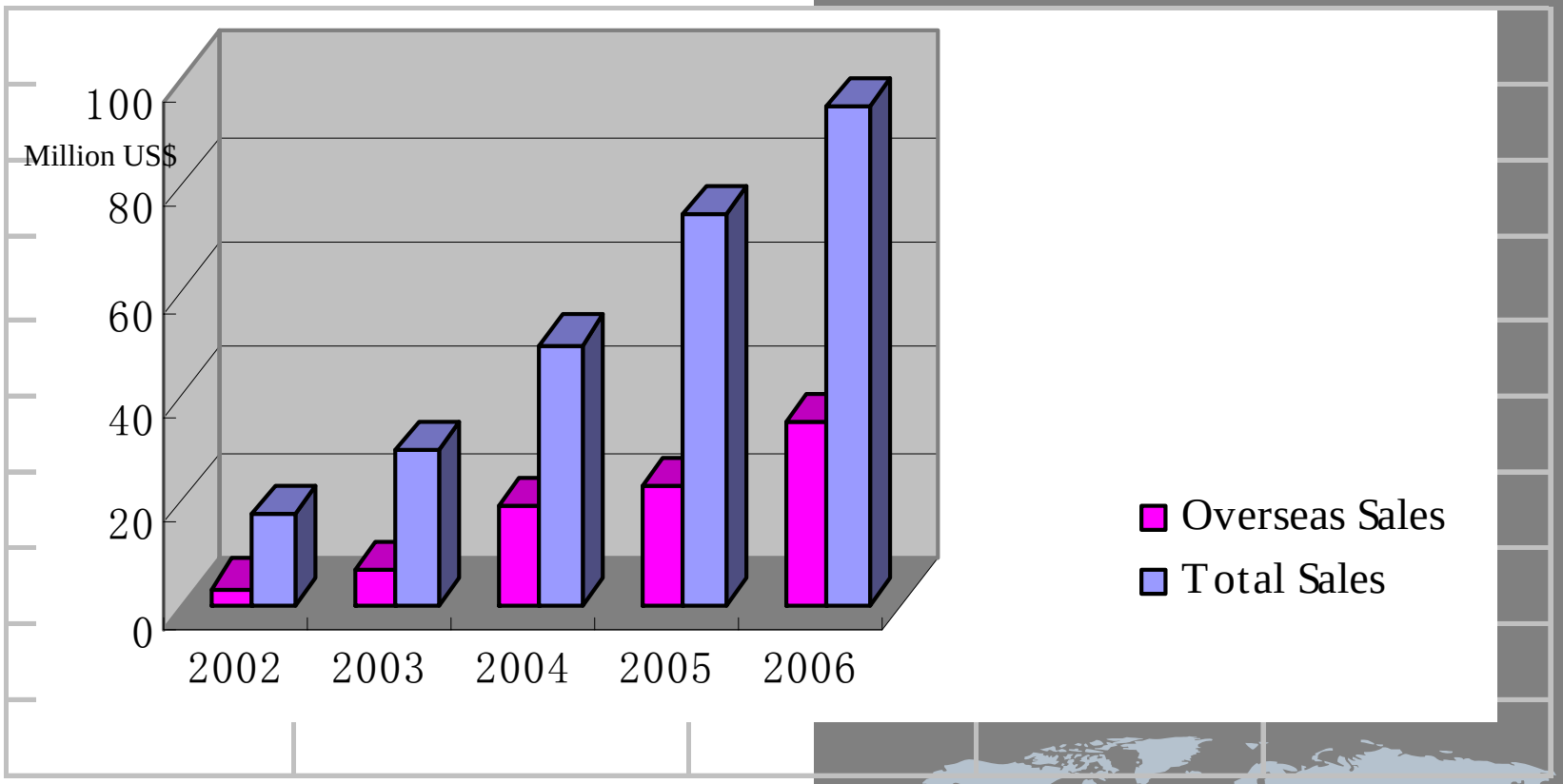


Market share in China: 70%

Key Customer List in China

- ◆General staff of PLA
- ◆PLA., Chengdu
- ◆Yunnan Provincial Police, PRC
- ◆Ningbo Metropolitan Police PRC
- ◆Mongolia Provincial Police, PRC
- ◆Guangxi Police PRC

Overseas Sales



The overseas sales has dramatically increased at the annual rate of 300% from 2001 to 2006

Major Customer List

- United States Federal Army
- United States Postal office
- Korean Air Force
- Hong Kong government
- Russia Police
- Sri Lanka Air Force
- Philippine Parliament
- Iraq Police
- South Africa Cape Town Police
- Chinese State Police

Exhibitions

EFJohnson Our Mission–Your Safety
HYT
ICOM
KENWOOD Listen to the Future
MACOM
maxon
MIDLAND RADIO CORPORATION
MOTOROLA
TAIT radio communications
Vertex Standard

2007 in Germany (CeBIT)

2006 in Belgium

2006 in the US (IWCE)

HYT Distributors

Malaysian distributors in HYT

HYT staff in Australia distributors meeting

Korean distributors in HYT

German distributors in HYT

Research & Development

Research Center

- Professional Wireless Project R&D Center
- Trunked System Research Center

Main Laboratories

- High Frequency Laboratory
- General Standard Laboratory
- Environmental Laboratory

chapter 1 **Factory Dimensions**

chapter 2 **Production and testing equipment**

chapter 3 **Manufacture technics**

chapter 4 **Automatization and information**

❑**Factory area**: 6000m² （There is enough margin area and we can overspread the factory area to 12000 m² if it is necessary）

❑**Production line** :

- SMT：6 lines
- Assembly：12 lines
- Packing：4 lines

❑**Produce ability per month**:

Product of wireless communication：200K pcs

Factory Dimensions

SMT Workshop

Main Equipment

Automatic Imprinter

SMT machine

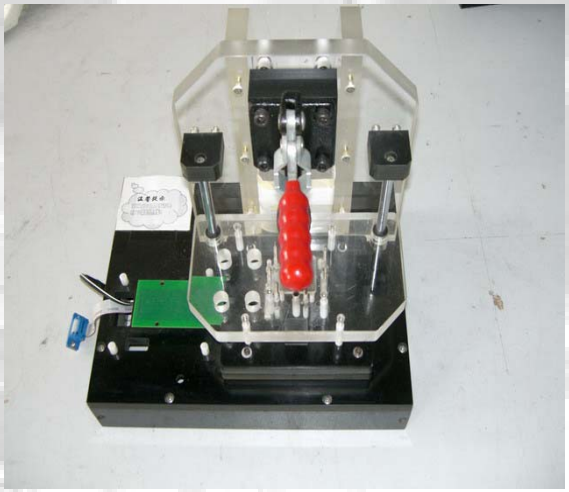
X-Ray measure machine

Comprehensive apparatus / swept apparatus

Ultrasonic jointing machine

Automatic testing stage

Manufacture Equipment



Automatic design and empolder clamp

Production line collocation and installation

OA & Management System

HYT Automatic testing stage

Office automatic system (OA)

ORACLE ERP system

Bar Code system

Reliability

Reliability

Adhering to our quality objective of 'customer satisfaction', HYT established perfect quality assurance and control system.

Reliability

Long-term cooperation with worldwide famous electronic and components manufacturers such as National Semiconductor Corporation, Panasonic, Hitachi, Toshiba, and Mitsubishi.

Rotary switch	ELMA TOCOS
PTT button	ALPS
Socket	HOSIDEN
Microprocessor	MITSUBISHI ELECTRIC
Memory	ATMEL
Amplifier	TOSHIBA National Semiconductor
Transistor	PHILIPS ZETEX
Diode	Hitachi ON Semiconductor
Resistor, Capacitor	muRata
Crystal Filter	TOKO
Speaker	FOSTER
Battery Cell	SANYO

Reliability

◆Quality Management : ISO9001:2000

ISO9001:2000 *Certificate* NO:FM 61540

◆Environmental test standard: MIL-STD-810

◆Material inspection: ISO 2895-4:1999

◆Other tests:
Performance test
User Simulation test
Field test

R&D Center Labs

Environmental Test Lab

RF Lab

General Lab

Trunking System Lab (located in Harbin)

Reliability Experiments

- High Temperature Test
- Low Temperature Test
- Thermal Shock Test
- Rain Test
- Humidity Test
- Salt Fog Test
- Dust Test
- Low Pressure Test
- Vibration Test
- Drop Test
- Corrosion Test

Low Temperature Test

Salt Fog Test

Vibration Test

Reliability Experiments

High Temperature Test

To make sure the radio can work at +55 ℃ without any deterioration be stored at + 60 ℃.

Low Temperature Test

To make sure the radio can work normally at -25 ℃ be stored at -40 ℃.

Reliability Experiments

Thermal Shock Test

To determine whether the product can withstand sudden changes in the temperature without any temporary

or permanent deterioration in performance after several test cycles.

Rain Test

Test the radio's ability to resist water.

Reliability Experiments

Dust Test

Evaluate the radio's ability to resist effect of sand and particles.

Vibration Test

Determine radio's resistance to vibration stresses encountered in shipment and application environment.

Vibration test platform

Max vibration frequency 4000Hz,acceleration 70g

HYT Milestone Events

1995: Development of the first two-way radio for the commercial market in China

2001: Acquirement of CE, FCC, PCT certificates

2002: Authorization of registered UN supplier

2003: Registration in Tetra MOU and APCO organization

2004: Provision of trunked system to Iraq Police Force

2005: Entry into Japan market; acquirement of orders from U.S.A Federal Army and Postal office

2006: Awarded the Tech-innovation prize of Chinese government

2007: Awarded "The Leading Enterprise " Prize of Shenzhen government

Awarded Certificates

ISO9001 Certificate

National Certificate of Technology Progress

National Significant New Product Certificate

National New Product Certificate

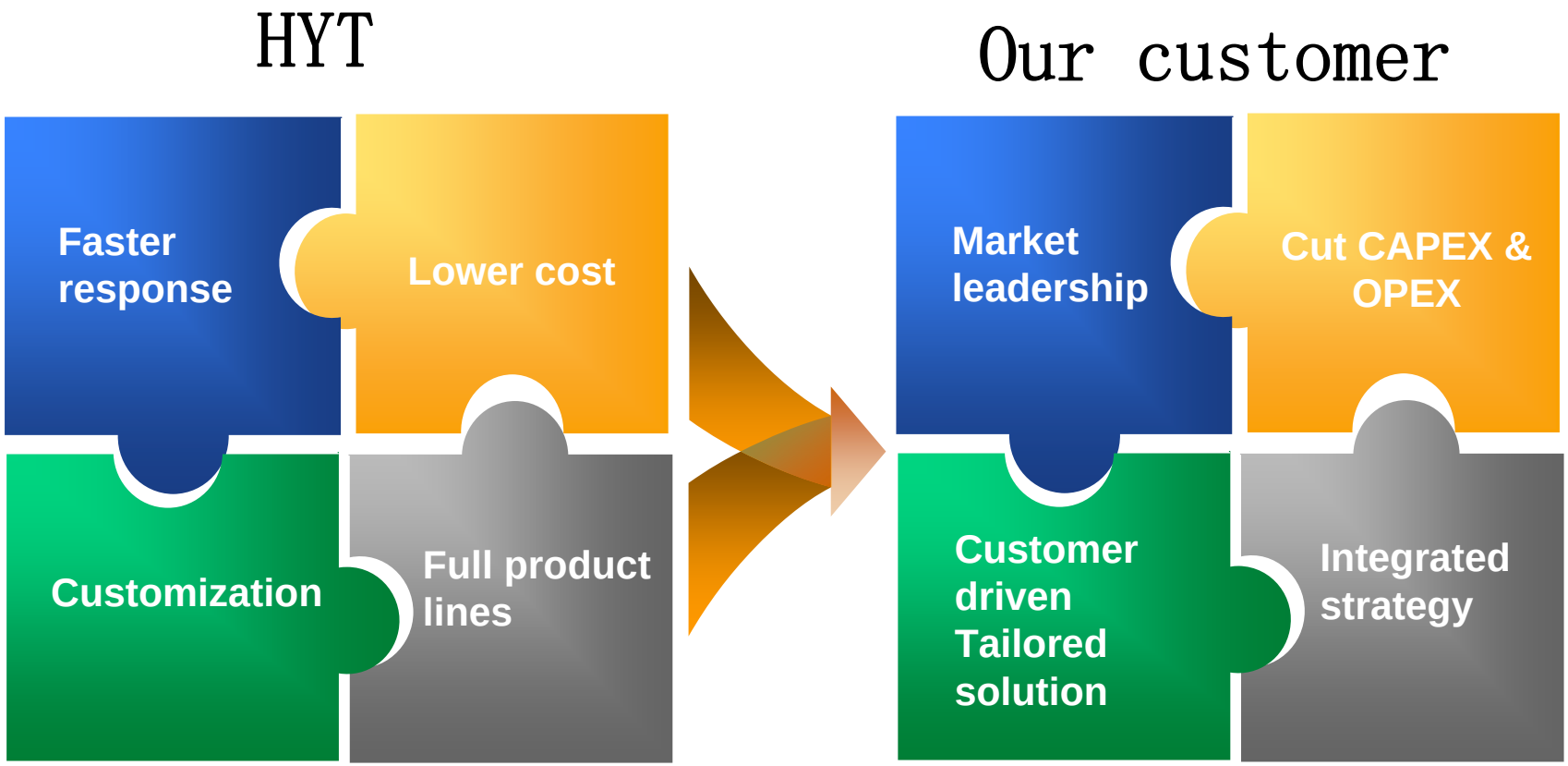
2002 Credible Company

Certificate of Technology Progress

Silver Medal of Technology Progress

Advanced Company of Exportation

Summary


HYT
Faster response
Lower cost
Customization
Full product lines
Our customer
Market leadership
Cut CAPEX & OPEX
Customer driven Tailored solution
Integrated strategy

Professional Two-way Radios

Team up with HYT

Dance to the beat of security!