

# COMPANY PROFILE



**2009.10**

**REMOTEK Corporation**

*6F-6, No.77, Sec.1, Hsin Tai Wu Rd., Hsi-Chih, Taipei 221, Taiwan, R.O.C.*



# Agenda

**Company Overview**

**Product Category**

**Global Market & Partners**

**Project Reference**

**Remotek Advantages**





# Company Overview

## Profile

- ✦ Founded in 1990
- ✦ HQ-Taipei, Taiwan
- ✦ Employees: 205
- ✦ Experience in repeater field over 10 years

## Focus

- ✦ Developing, manufacturing and applying Repeater products for mobile telecom field
- ✦ Providing the comprehensive solution of wireless coverage for mobile operators

## Achievements

- ✦ More than 50 mobile operator customers around the world
- ✦ Developing over 250 products to fulfill all customers request
- ✦ Dealing with business more than 30 countries
- ✦ ISO9001 Certified
- ✦ CE products certificated
- ✦ RoHS Green products





# Taiwan HQ

**CEO  
Jack Huang**

**CEO Office**

**Research &  
Development**

RF  
SW/FW  
Mechanism  
PE

**Sales &  
Marketing**

Sales  
Product Marketing  
FAE

**Technical  
Engineering**

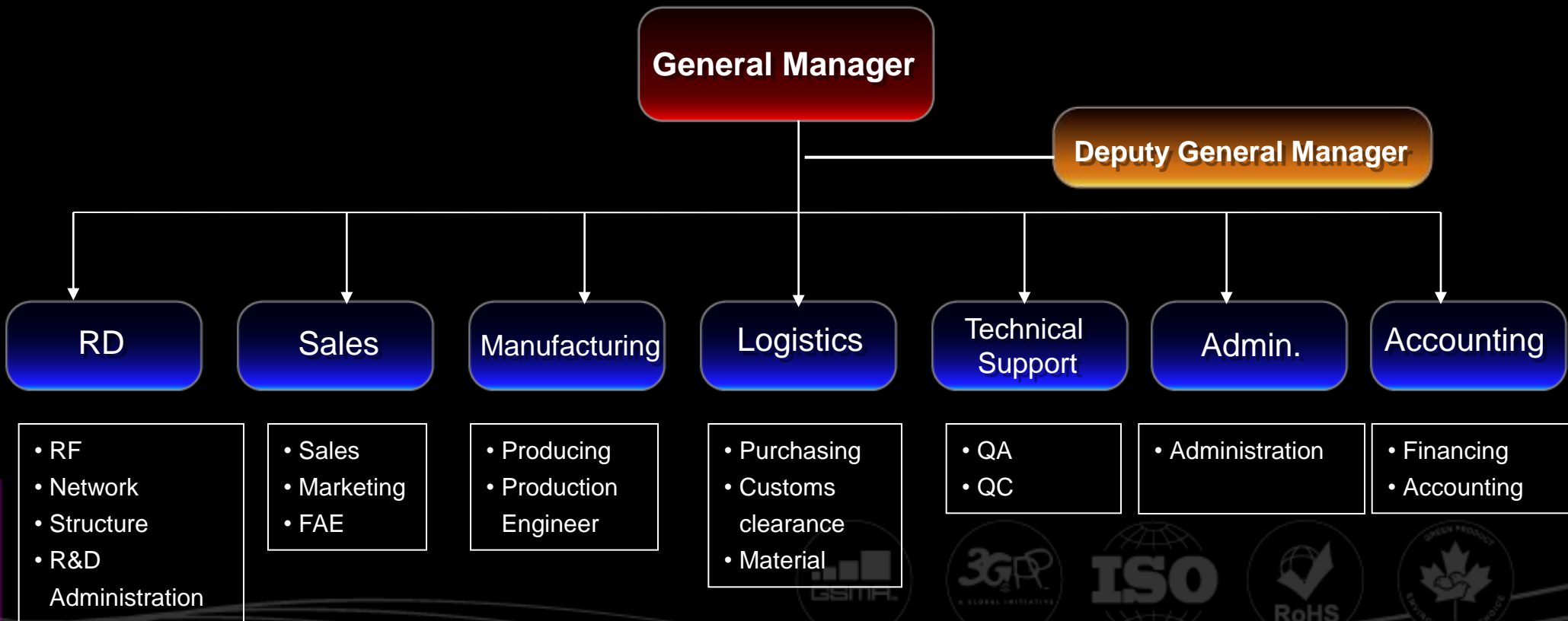
QC  
Production Mgmt  
RMA  
MIS

**Administration**

Finance  
Administrator  
Procurement  
DCC



# Shanghai Factory





# Factory – Production Lines





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# RF Repeater

## - Low & Medium Output Power

**Features:**

- ✓ GSM/ DCS/ CDMA/ WCDMA
- ✓ Single band/ Multiple band/ Dual band / Triple Band
- ✓ Comprehensive LED display
- ✓ Intelligent Mode

Power / Type	Single Band	2 Sub Band	3 Sub Band	Dual Band	Triple Band
10dBm (10 mW)	✓ R19	✓ R19		✓ R19	✓ R19
15dBm (30 mW)	✓ R18	✓ R18		✓ R18	✓ R18
20dBm (100 mW)	✓ R17	✓ R17	✓ R17	✓ R17	
27dBm (500 mW)	✓ R16	✓ R16		✓ R16	





# RF Repeater - High Output Power

## Features:

- ✦ GSM/ DCS/ CDMA/ WCDMA
- ✦ Single band/ Multiple band/ Dual band/ Channel selective
- ✦ Low interference
- ✦ High output power



Power/Type	Single Band	2 Sub Band	Dual Band	Channel Selective
33dBm (2 W)	✓ R23	✓ R23	✓ R23	✓ R43
37dBm (5 W)	✓ R24	✓ R24	✓ R24	✓ R44
40dBm (10 W)	✓ R25	✓ R25	✓ R25	✓ R45
43dBm (20 W)	✓ R27			✓ R47

Note: 20W WCDMA developing



# Non-RF Product Category

1

Fiber Optic Repeater



2

Cable Booster



3

iFree Repeater



4

Frequency Shifting Repeater



5

Passive Accessories





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# Asia I

Country	Customer	Operator	Country	Customer	Operator
Taiwan	FET		Bangladesh	GrameenPhone	
	CHT			Warid	
	TWM			Aktel	
	APT				
Hong Kong	People		Nepal	Spice	
Macau	CTM		Mongolia	Unitel	
	Hutchison Telecom		Vietnam	Viettel	
Indonesia	Indosat		Thailand	DTAC	
	Excelcomindo			AIS	
	NTS	 	UAE	Etisalat	





















# Asia II

Country	Customer	Operator	Country	Customer	Operator
Malaysia	Maxis		Jordan	Zain	 Zain
	U Mobile	 umobile		Umniah	 umniah
India	Hutch	 HUTCH	Iraq	Zain	 Zain
	IDEA	 !idea IDEA Cellular Limited	Palestine	Jawwal	 Jawwal
	Airtel	 Airtel Express Yourself	Pakistan	Ufone	 ufone
	Aircel	 AIRCEL		Mobilink	 Mobilink
	Reliance	 RELIANCE Communications Anil Dhirubhai Ambani Group	Philippines	Smart	 SMART
			Afghanistan	Roshan	 ROSHAN connection
			Tunisia	Tunisiana	 تونسiana Tunisiana







# Africa & Russia

Country	Customer	Operator	Country	Customer	Operator
South Africa	Zain		Russia	MTS	
	Vodacom		Russia	MegaFon	
	MTN		Russia	Beeline	
	Neotel		Russia	NCC	
Tanzania	Zain		Faroe Islands	Faroese Telecom	
	Vodacom			Vodafone	
Uganda	MTN		Latvia	Tele2	
Algeria	Djezzy				
Morocco	Medi Telecom				
Namibia	MTC				
Botswana	Orange				





# America & Oceania

Country	Customer	Operator	Country	Customer	Operator
Guatemala	Claro		Kiribati	TSLK	
Venezuela	Telefonica Digitel	 			





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# Reference I

## Project Information

- Operator: Maxis
- Location: Carlsberg, Malaysia
- Building type: Factory
- Covered Area (sq. meter): 33,000

## Remotek Solution

- RF repeater : GSM Dual Band Repeater & WCDMA Band Repeater
- Type: R23-GD & R25-WCDMA
- Antenna Quantity: 32 PCS



R23-GD



R25-WCDMA



2G Donor Antenna



3G Donor Antenna



# Reference II

## Project Information

- Operator: Maxis
- Location: Sony, Malaysia
- Building Type: Factory
- Covered Area (sq. meter): 25,850

## Remotek Solution

- RF Repeater : R25-GSM-D
- Type: GSM 2 Sub-Band Repeater
- Antenna Quantity : 21 PCS



R25-GSM-D 2 Sub-Band Repeater





# Reference III

## Project Information

- Operator: Maxis
- Location: First Solar, Malaysia
- Building Type: Factory
- Covered Area (sq. meter): 40,000

## Remotek Solution

- RF Repeater : R25-GSM-D & R25-WCDMA
- Type: GSM 2 Sub-Band Repeater & WCDMA Band Repeater
- Antenna Quantity :32 PCS



Left: R25-GSM-D  
Right: R25-WCDMA



# Reference IV

## Project Information

- Operator: Maxis
- Location: Intel (AVAGO), Malaysia
- Building Type: Factory
- Covered Area (sq meter): 28,000

## Remotek Solution

- RF Repeater : R25-GSM-D
- Type: GSM 2 Sub-Band Repeater
- Antenna Quantity: 31 PCS



R25-GSM-D RF / Double Band Repeater



# Reference V

## Project Information

- Operator: Maxis
- Location: Concord, Malaysia
- Building Type : Hotel
- Covered Area (sq. meter): 8,400

## Remotek Solution

- RF Repeater : R25-GSM-D
- Type: GSM 2 Sub-Band Repeater
- Antenna Quantity: 11 PCS



R25-GSM-D RF / Double Band Repeater



# Reference VI

## Project Information

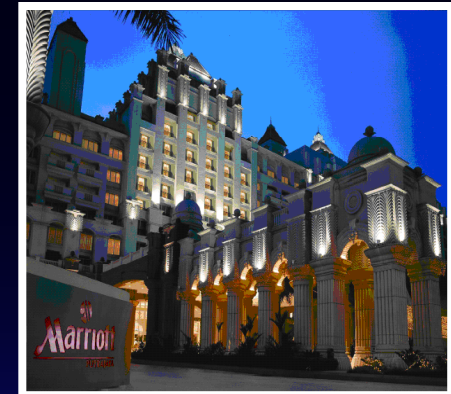
- Operator: Maxis
- Location: Marriott, Malaysia
- Building Type: Hotel
- Covered Area (sq. meter) :18,000

## Remotek Solution

- RF repeater : L23-DCS & L25-WCDMA
- Type: Cable Booster
- Outdoor Antenna Quantity: 4 PCS



L23-DCS Cable Booster  
L25-WCDMA Cable Booster





# Reference VII

## Project Information

- Operator: Maxis
- Location: Equatorial, Malaysia
- Building Type: Hotel
- Covered Area (sq. meter): 10,000

## Remotek Solution

- RF repeater : R25-GSM-D/ R25-WCDMA
- Type: GSM 2 Sub-Band Repeater & WCDMA Band Repeater
- Antenna Quantity: 17 PCS



R25-GSM-D RF Repeater  
R25-WCDMA RF Repeater





# Reference VIII

## Project Information

- Operator: Viettel
- Location: Vietnam
- Haivan Tunnel:
  - 1st Tunnel – 6KM
  - 2nd Tunnel – 6KM

## Remotek Solution

- Solution: BTS + Fiber Optic Repeater
- Repeater : Fiber Optic Repeater
- Type: F27-GSM
- Quantity : 1 Master + 4 Remote Unit





# Reference IX

## Project Information

- Operator: CHT + FET + TWM
- Location: Taipei Taiwan
- Tunnel: total 13 stations
- Length: 15KM

## Remotek Solution

- Provide design & optimization service for main contractor
- Solution: BTS + Fiber Optic Repeater





# Reference X

## Project Information

- Operator: FET
- Location: Yilan, Taiwan
- Building Type: Department Store
- Covered Area (sq. meter): 5,000

## Remotek Solution

- RF Repeater : R23-WCDMA
- Type: WCDMA Band Repeater
- Antenna Quantity: 12 PCS



R23-WCDMA RF Repeater





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# Remotek Advantages

*Superior Quality*



*Effective Technical Support*



*Diversity of Repeater  
Types*



*Comprehensive  
Network Management System*

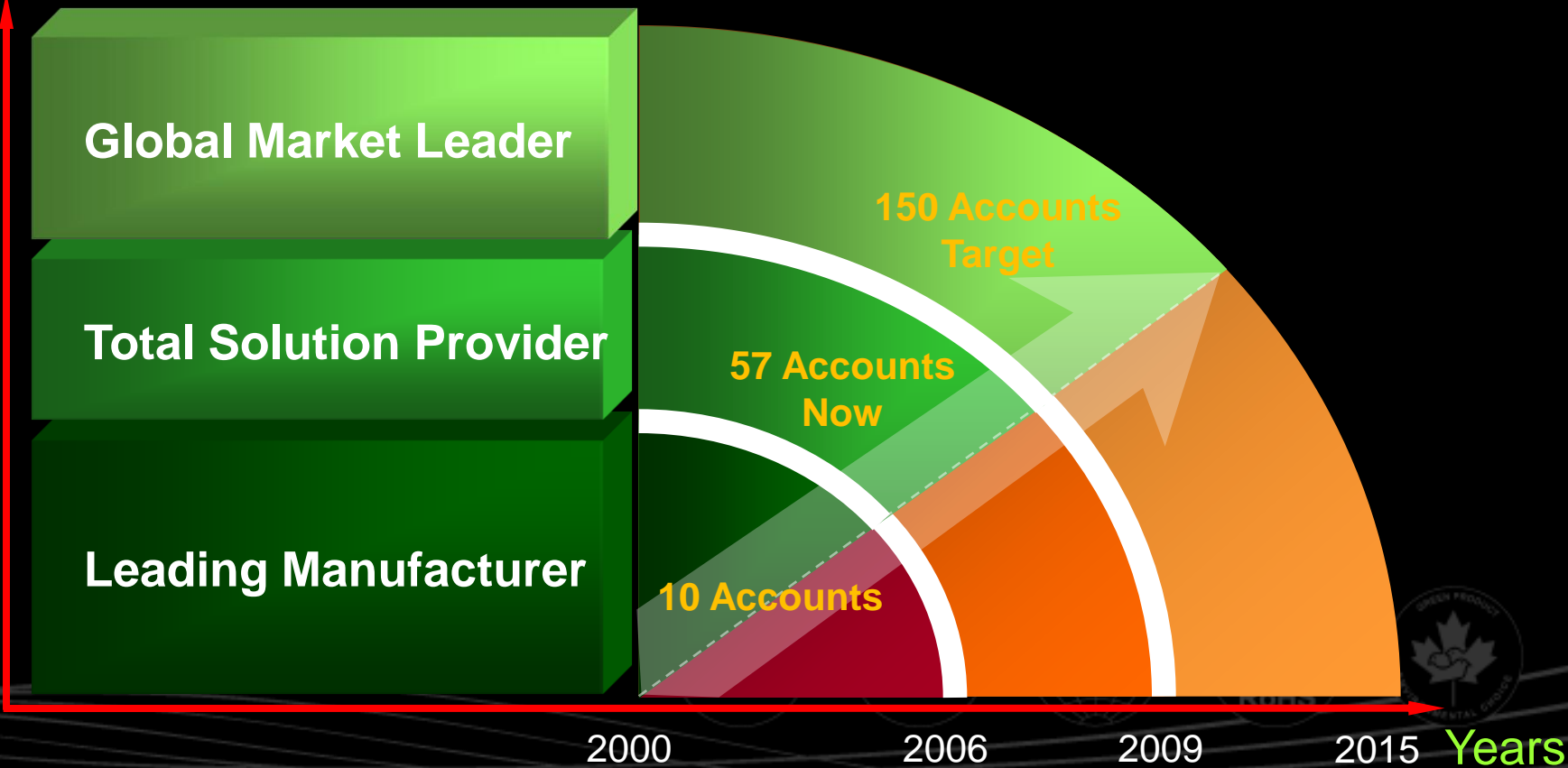
**Customer Satisfaction**





# The Growing Business

Number of Mobile Operators





THANK YOU

