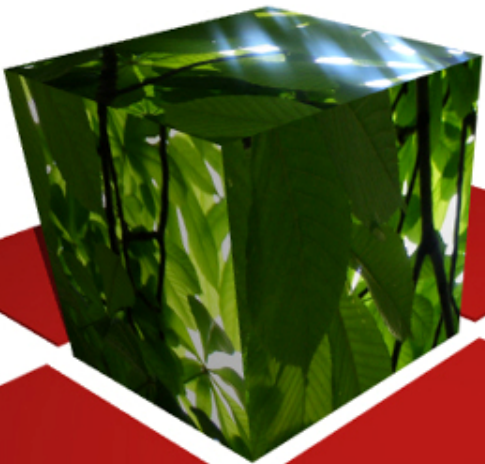


Tongfang Gigamega's Solution To DTV Transmission System



合志同方·共赢未来

Brief Introduction to Tongfang Group



Owned by Tsinghua University via Tsinghua Holdings; listed in Shanghai Stock Exchange.

Information and energy environment are its core business with the mission to promote science and education through the country.

The world's top 500 brands; China technology top 100.

Total asset over USD 5 billion, brand value over USD 9 billion



Beijing Tongfang Gigamega Co.

- Set up in 1993, wholly owned subsidiary of Tongfang Group
- Products: TV & TM radio transmitter,combiner,antenna,etc.
- Company Position
 - ✓ The largest vender of TV/FM transmitter in China;
 - ✓ Ranks first in China transmitter exports
 - ✓ Over 10,000 high power transmitters deployed in China and 35 countries worldwide.



Office and Factory of Tongfang Gigamega



Headquarter , located in Beijing
Tsinghua Tongfang Plaza, next
to Tsinghua University



Anshan facility, manufacture transmitter,
antenna and combiner.



Miyun operation facility, responsible for
new product test, key components
production and postsale service.

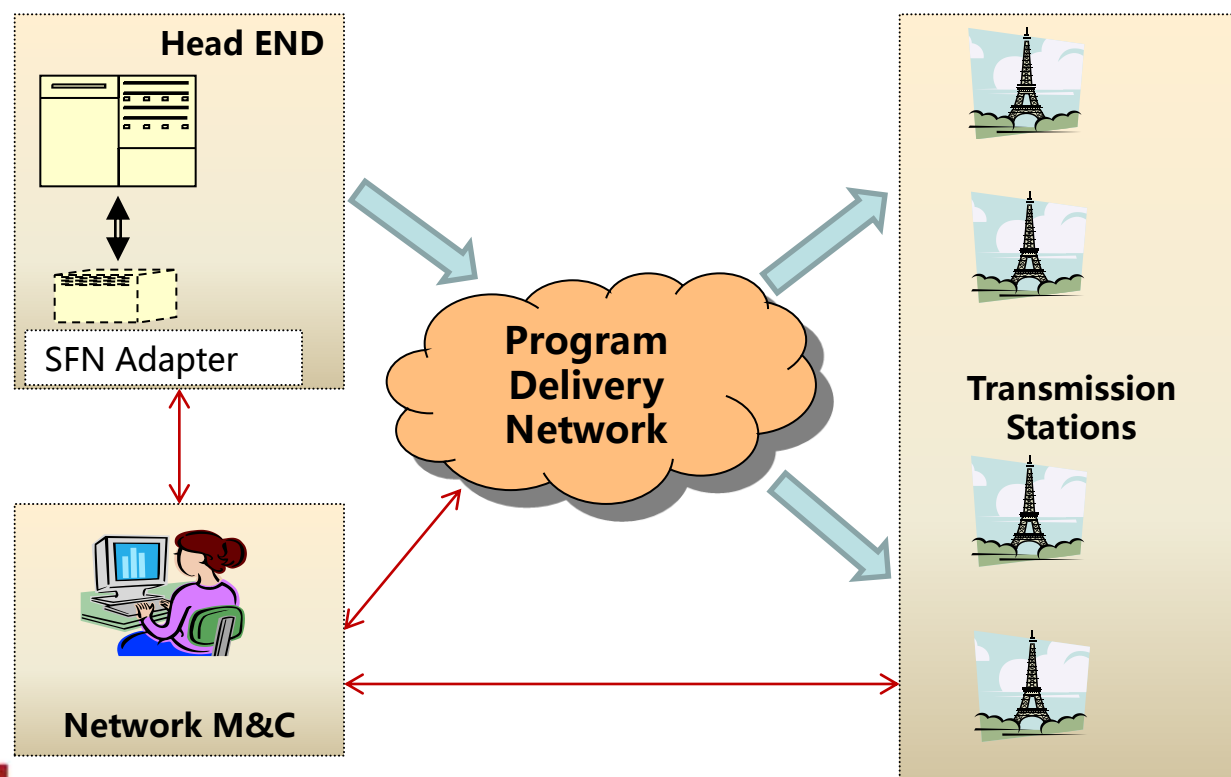


Manufacture Lines



Total Solution to Terrestrial DTV Transmission System

- Offer all transmission equipment
- Offer one-stop service, from system design to its installation, maintenance & control



Terrestrial DTV Transmitter

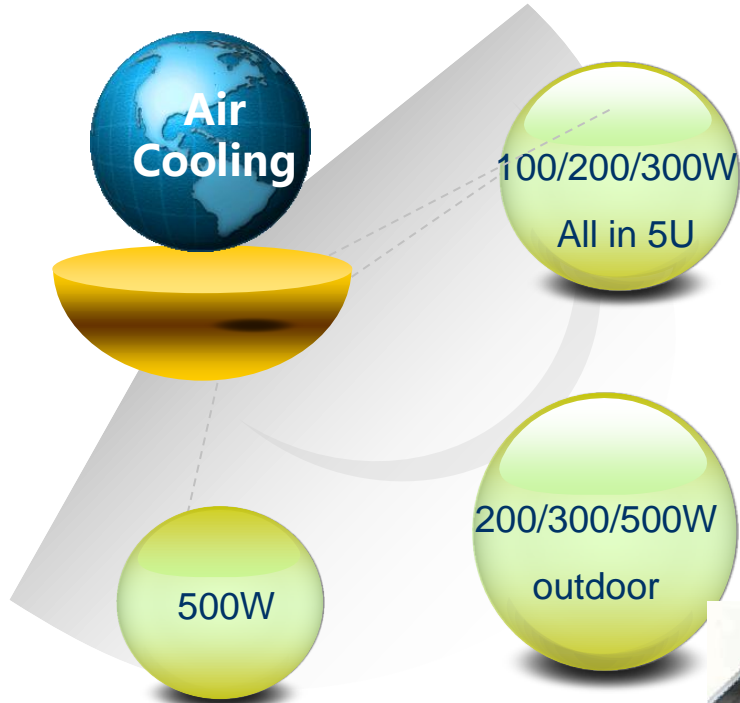
Product – Liquid cooling DTV Transmitter



Product – Air cooling DTV Transmitter (1)



Product – Air cooling DTV Transmitter (2)



50-300W Gap Filler

Product – Antenna, Combiner, SFN adapter, etc.



DTV Combiner



Transmission
Antenna



Exciter



SFN Adapter



System Integration Services

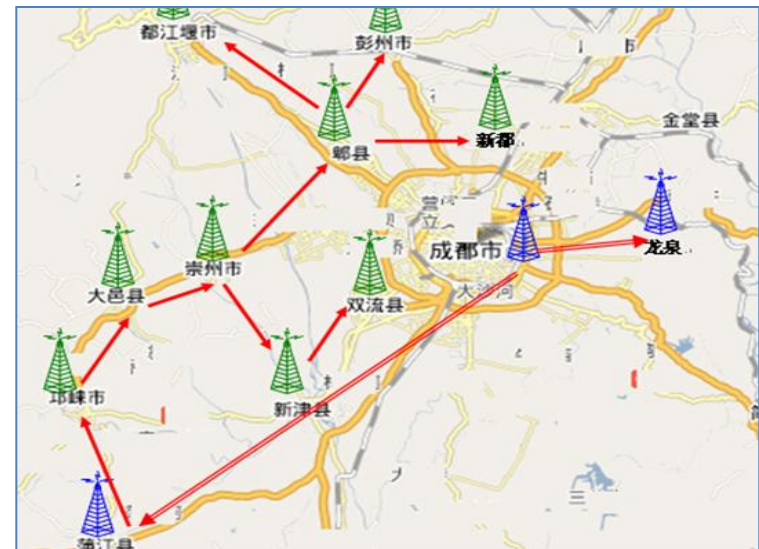


■ System Integration of Terrestrial DTV Transmission End

- ✓ System design
- ✓ Equipment offering
- ✓ System Installation & control
- ✓ System maintenance service

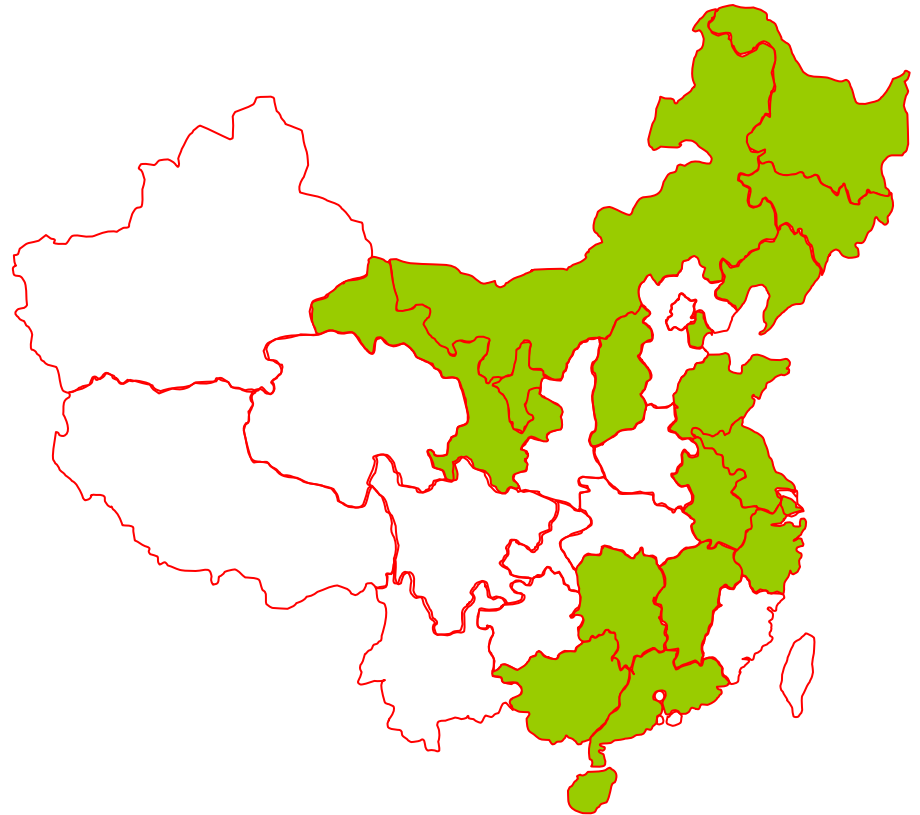
■ DTV SFN Network Engineering

- ✓ Network Planning and Site Survey
- ✓ Equipment offering and Network Construction
- ✓ Coverage optimization



DTV Transmitter Deployment

- No. 1 market share in China
- From 2008-2014, sales volume of DTV transmitter is more than 1000 sets
- ✓ Chinese Government broadcasters: 250 sets
- ✓ China CMMB operator: 500sets
- ✓ China DTMB operators: 250sets
- ✓ Overseas DTV operators: 15 sets



DTV Deployment Scenarios



Overseas Market overview

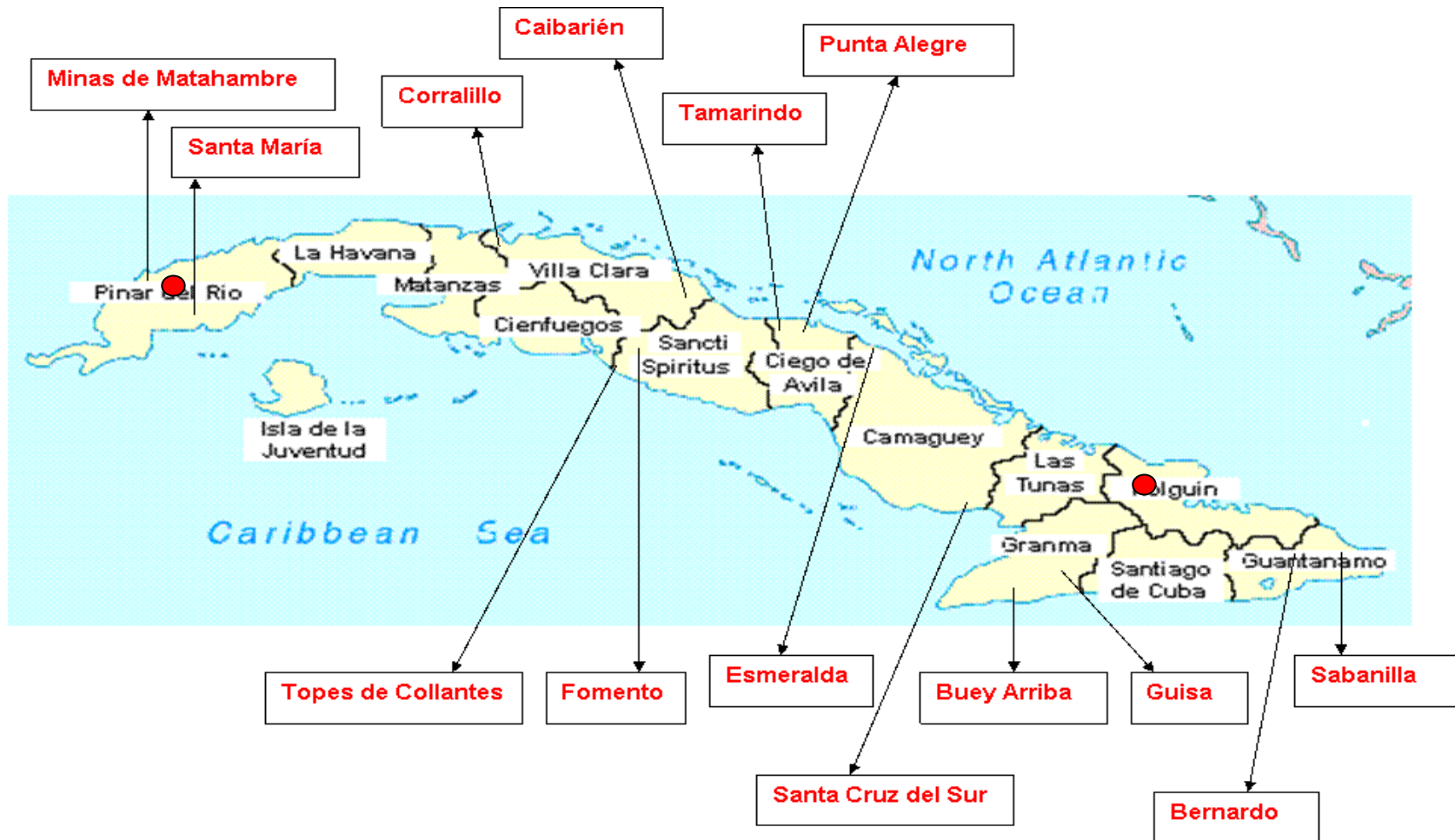


Pakistan	Tajikistan	Cuba	Indonesia	Zambia	Afghanistan	Laos	Mongolia
Nepal	Cambodia	Kenya	Samoa	Albania	Suriname	Comoro	Zimbabwe
Niue	Vanuatu	Tonga	Canada	Cameroon	...		



Project Case

●Cuba TV Transmission System



TV transmission system: 23 stations, 92 ATV transmitters



●Laos CRI FM project



FM 10kW transmitter



●Deployments in Africa

Kenya:

FM 2KW transmitter

Tanzania:

UHF 2KW TV transmitter

Congo:

UHF 5KW TV transmitter

FM 5KW transmitter

Zimbabwe:

VHF 5KW TV transmitter

Cameroon:

UHF 1KW TV transmitter

VHF 1KW TV transmitter

Zambia:

FM 3KW transmitter

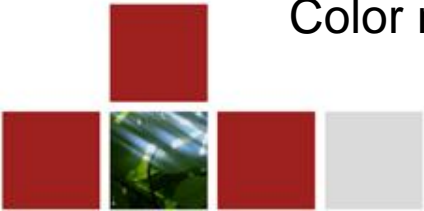
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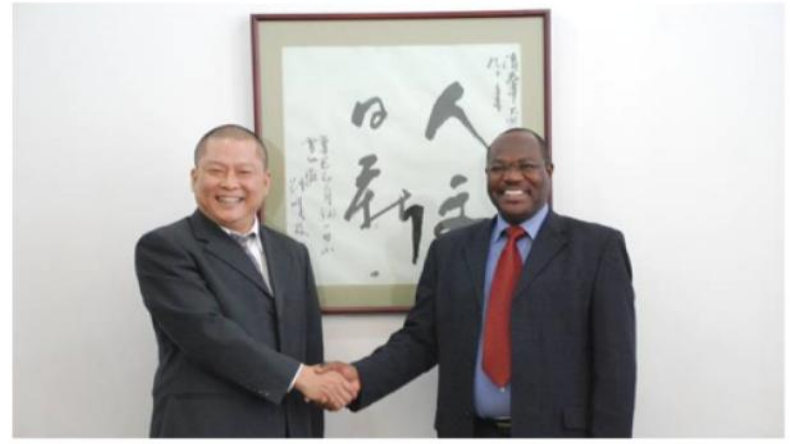
● Surinam project



VHF 5kW TV transmitter
UHF 1kW TV transmitter
VHF 300W TV transmitter
VHF 100W TV transmitter
Color mode-NTSC



➤ Overseas Training and Marketing







Beijing Tongfang GigaMega Tech.Co., Ltd

www.gmechina.com

