



# JATON TEC

## Jaton Technology Limited Roadmap

2022

4G-5G FWA

# Our Company



Jaton Technology Limited, founded in 2012, is a high-tech and innovation corporation, main manufacturer and vendor of telecommunication equipment, GSA 4G-5G FWA Forum Founding Partner. We have been professional in Fixed Wireless Broadband Terminal for 10 years, especially in 5G NR and 4G LTE-A Pro CPE. We have Fixed Wireless Access LTE-A Private Network solutions, such as 3.5GHz and 5GHz.

Jaton has deployed FWA service on over 40 networks in more than 25 countries. We will closely follow the international market trends and hope to cooperate with more and more customers for mutual development and benefits.

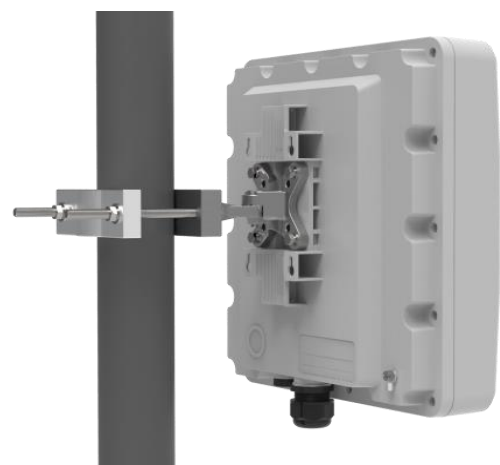
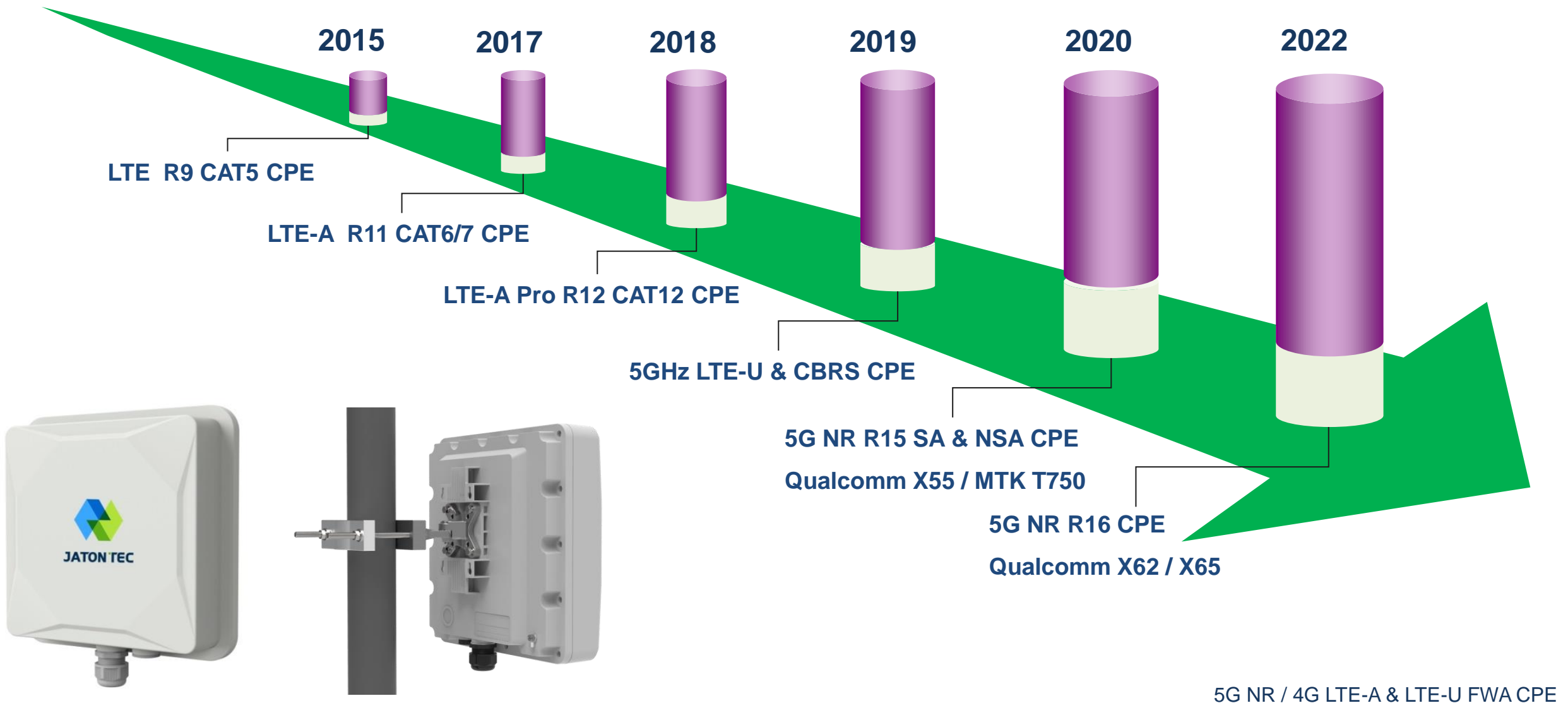


**500+ million  
FWA households by 2025**



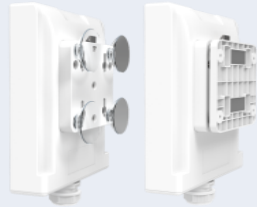
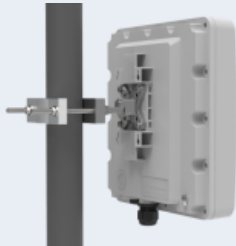
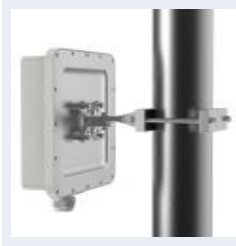







**4G-5G FWA focus areas**

City  Town  Rural

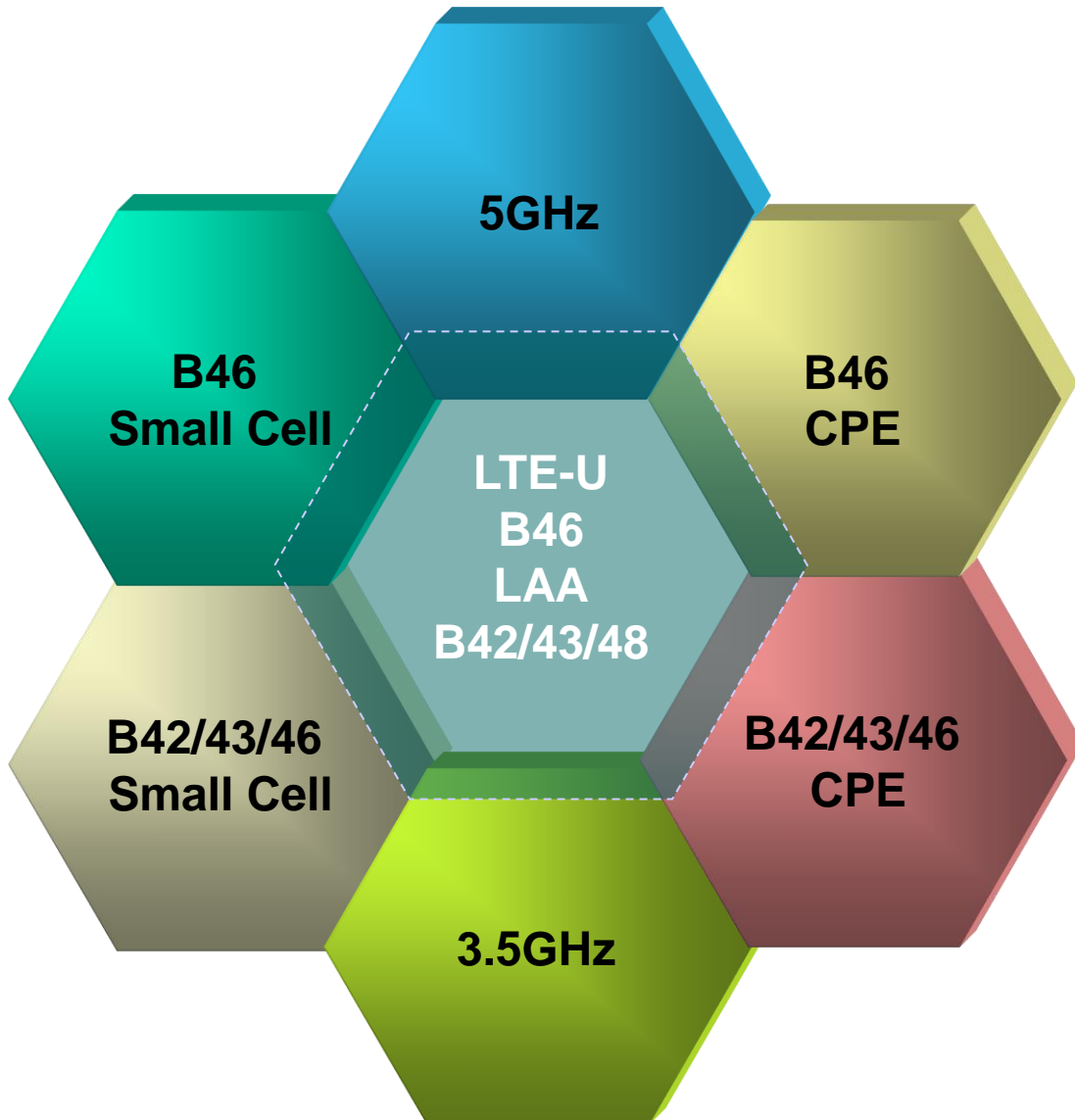
# Development



# Products Roadmap

3GPP	Type	Model	Chipset	Index	Picture		
R16	5G NR FWA	V2.0	Qualcomm X62/X65	X65 DL 10Gbps, Sub-SGHz(300MHz) & mmWave(1GHz) X62 DL 4.4Gbps, Sub-SGHz (120MHz) & mmWave(400MHz)	JT8900D	JT8500D JT6300D	JT7500D
R15	ODU 5G NR	JT8900D	Qualcomm X55 MTK T750	5G NSA/SA Sub-6GHz, LTE CAT20 5CC, WCDMA, IP67 DL 4.3Gbps, High Directional Antenna Gain 15dBi			
	IDU 5G NR	JT3600V		5G NSA/SA Sub-6GHz, LTE CAT20 5CC, WCDMA DL 2.2Gbps, Antenna Gain 2-6dBi, WiFi6 VoIP, 1 RJ11 LINE Port, 4 RJ45 GE ETH Port, 1 WAN 1 USB 3.0			
R12	ODU CAT12	JT8500D	GCT 7243A	4G LTE-A Pro 8Rx/4Rx, 2Tx, IP67 UL 2x2MIMO, 2CA 64QAM DL 4*4 MIMO 600Mbps, 2CC/3CC/4CC, 256 QAM High Directional Antenna Gain 13-17dBi			
	WDU CAT12 Window CPE	JT7500D		4G LTE-A Pro TDD/FDD, 4Rx, 2Tx, IP67, WiFi 802.11b/g/n UL 2x2MIMO, 2CA 64QAM DL 4x4 MIMO 600Mbps, 2CC/3CC/4CC, 256 QAM, B7/38/40/41/42/43/48, Internal Omni Directional Gain 7dBi Install : Sucker / Wall mounting bracket / Pole bracket			
	IDU CAT12	JT3500V		4G LTE-A pro FDD / TDD, 4T4R, 4x4 MIMO & 4CA DL 600Mbps, WiFi5, Antenna Gain 2-6dBi, VoIP 1 RJ11 LINE Port, 4 RJ45 GE ETH Port, 1 USB 3.0			
R11	ODU CAT7	JT6300D	GCT 7243Q	4G LTE-A 4Rx, 2Tx, DL 4*4 MIMO, IP67, UL QAM64 DL CA (2CC), UL QAM64, Antenna Gain 13-17dBi			
	IDU CAT7	JT3200V		4G LTE-A, 2T4R, 4x4 MIMO & 2CA, VoIP, WiFi5, Antenna Gain 2-6dBi, can support 3.5GHz B42/43/48 1 RJ11 LINE Port, 2 or 4 RJ45 GE ETH Port, 1 WAN			
R10	IDU CAT6	JT3200U	SL8563	4G LTE & 3G WCDMA, 1T2R, 2x2 MIMO & 2CA Antenna Gain 2-6dBi, VoIP or VoLTE, WiFi5 1 RJ11 LINE Port, 2 or 4 RJ45 GE ETH Port, 1 WAN			

# LTE-U Solution



## CAT7 Small Cell

- 3GPP Bands: TDD B46/B252/B255 5150-5925MHz
- Sniffer Bands: TDD B46/B42/B43/48
- RF Interfaces: 2x(2Tx,2Rx),1 Sniffer, 1GPS
- DL 256QAM BW 40 MHz, UL 64QAM
- Max scheduled users 16 / connected users 192
- 1 WAN, 1 LAN , 10/100/1000MHz, IP67, 48V/1.0A



## CAT7 Outdoor CPE

- 3GPP R11, 2T4R, IP67, 48V Gigabit PoE
- TDD B46 5150-5925MHz + B42/43/48
- DL 4X4MIMO or 2CA, UL 2CA
- B46 Antenna gain: 19 dBi (2CA), 15 dBi (4x4 MIMO)
- LAA Antenna gain: 15 dBi (B46), 13 dBi (B42/43/48)



# Thank You

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5G • 4G LTE-A Pro CPE

CAT4/5/6/7/12/15/20

3.5GHz	5GHz
CBRS	LTE-U

Fixed Wireless Access

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5G NR / 4G LTE-A & LTE-U FWA CPE