

# **Leading New ICT The Road to Digital Transformation**

**LEADING NEW ICT** 

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## Huawei: Leading Global Provider of ICT and Smart Devices



## Bring digital to every person, home and organization for a fully connected, intelligent world

Huawei's end-to-end portfolio of products, solutions and services are both competitive and secure. Through open collaboration with ecosystem partners, we create lasting value for our customers, working to empower people, enrich home life, and inspire innovation in organizations of all shapes and sizes.

At Huawei, innovation focuses on customer needs. We invest heavily in basic research, concentrating on technological breakthroughs that drive the world forward.



188,000

**Employees** 



80,000+

R&D employees



170+

Countries and regions



68 in

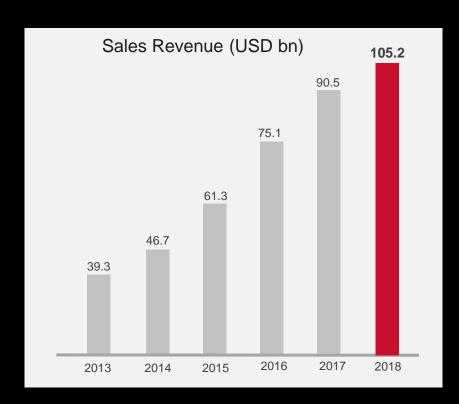
Interbrand's Top 100 Best Global Brands



**72** in

Fortune Global 500

## Sustainable, Robust Growth



Robust growth across all business segments, thanks to a balanced global presence and strategic focus



**Carrier business:** Working with customers to explore new models of network development – shifting from investment-driven to value-driven, and aiming for new business growth.



Enterprise business: Accelerating digital transformation for companies around the world. Innovative products and solutions regarding cloud computing, enterprise campuses, data centers, and IoT are adopted in a range of industries, such as smart city, safe city, energy, finance, transport, and manufacturing.

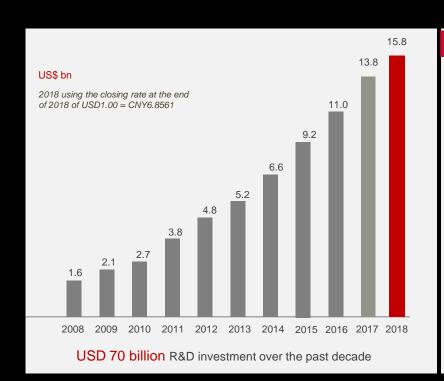


Cloud business: Providing inclusive AI that is affordable, effective, and reliable for enterprises and developers. 160+ services and 50+ complete solutions, including EI (enterprise intelligence), SAP, HPC, IoT, Internet & media, gaming, e-commerce & retail, finance, campus, healthcare, and smart city.



**Consumer business:** Key breakthroughs in the global highend market that further enhance Huawei's brand influence.

### Sustained Investment in R&D Drives Technology Breakthroughs



#### Ranks 5th in 2018 EU Industrial R&D Investment Scoreboard

- Focusing on strategic opportunities: Huawei does not waste strategic resources on non-strategic opportunities.
- Huge investment (about 10% of annual revenue) in R&D
- Realizing technological breakthroughs through perseverance, dedication, and self-reflection
- 87,805 patents; 43,371 patents authorized within China and 44,434 patents authorized outside of China.
- Member of 400+ standards organizations, industry alliances, and open source communities, with 400+ key positions; 5,000+ proposals submitted in the whole year and 60,000+ proposals submitted in total.

## **Huawei Italy: 1.67B Euro Revenue with 800+ Employees**



#### 800+ Employees

Local Employees **85%**Elite+ Freshman Strategy
Future Seed Program

#### Rome + Milan 2 HQ

- 1 Global Microwave center in Milan
- 4 Innovation center-Telecommunication, networking, core network, smart city
- 1 Business Innovation Center





2018 Revenue **1.67B Euro** 

2018 Procurement **453M Euro** 





## Enterprise Business Innovative Solutions Drive Industrial Digitalization

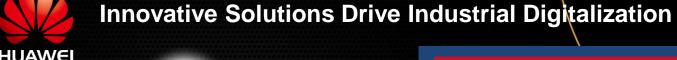
HUAWEI 700+ Safe cities 300+ 160 +**Financial Smart cities** institutions 190+ Power companies 220,000 + km**High speed** rail track Manufacturers 100 +Oil companies

#### **Driving industrial digitalization**

- OceanStor Dorado all-flash storage: Sales up 529% YoY, world's top seller (Gartner, 2018 H1)
- OceanStor Dorado: World's fastest at 7mn IOPS (SPC-1, 2018 Q4)
- 2nd largest vendor of Ethernet switches by sales, (IDC, 2018 Q3)
- No. 3 in global market for data center networks by sales (Gartner, 2018 Q3)
- Video conferencing solution won Frost & Sullivan Asia-Pacific Video
   Conferencing Endpoints Market Leadership Award (2018 Q3)
- Mobile Video Conference as a Service Solution won Best Mobile App for Business at MWC (2018 Q2)
- The Huawei OceanConnect IoV platform applied by the Groupe PSA won the award for best Business Transformation at IoTSWC 2018

**LEADING NEW ICT** 

# Enterprise Business Innovative Solutions Drive I





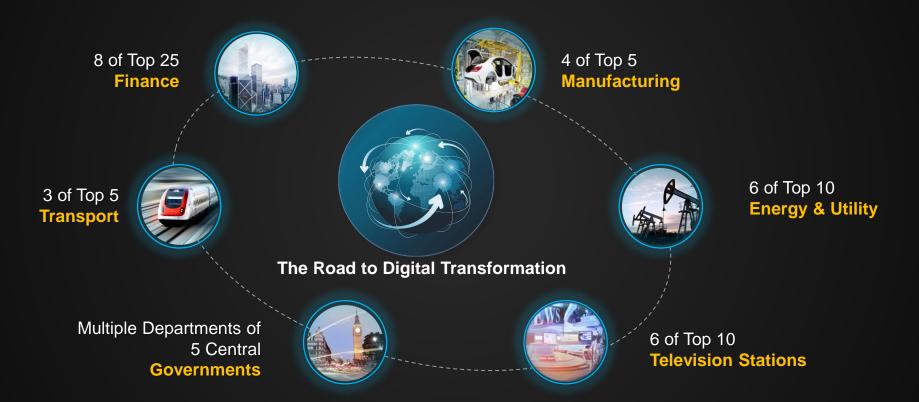




## **Huawei Europe at a Glance**



## Industry Leaders Choose Huawei for Digitalize Journal





## From Data Center to the Edge





## Huawei Enterprise Cloud-Pipe-Device Portfolio

#### Cloud



"Strong Performer" in the global private cloud market



830+ DCs. (Including 420 cloud Data Centers.)



Is positioned in the Leaders quadrant. Source: Gartner

#### **Pipe**



Source: Forrester

No.3 in terms of global market share. No.1 with a growth rate Source: IDC



71% growth No. 1 Source: IDC



No.2 in terms of global market share,

NO.1 in terms of growth rate. Source: Gartner





#### LTE:

249 industrial LTF networks. NO.1



#### GSM-R:

Covers 46.000 km railwavs.



No.2 in China enterprise network market in terms of revenue.

Source: IDC

#### **Device**



#### **eLTE** Terminal:

IF Industrial Design Award.



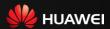
#### Videoconferencing:

No.1 in China with a market share of 36.8%. Source: IDC



#### UC:

NO.1 in China with a market share of 20.1% for IP voice and 17.1% for Call Center. Source: IDC



## Various Industry Benchmarks Chose Huawei



Finance















Gov





























Larger Enterprise















Energy















Edu















ISP & Media



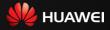












## **Innovative ICT Products and Solutions**

















**Bid Data** 











Collaboration



Telepresence



Conferencing



IVS



**Contact Center** 

Clouding



Server, HPC



SAN, NAS, Unified Storage



**Cloud Computing** 



**Networking Power** 

Connectivity



Enterprise Networking(LAN, WAN, etc)





Industry Networkging(GSM-R/LTE, NB-IOT, etc)

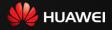


Firewall



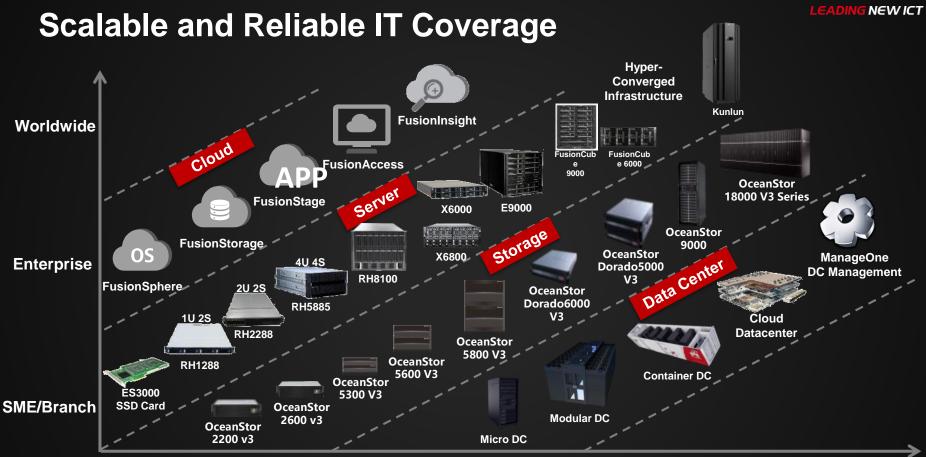
**Unified Management** 





## Full Range of Network Products, E2E Solutions

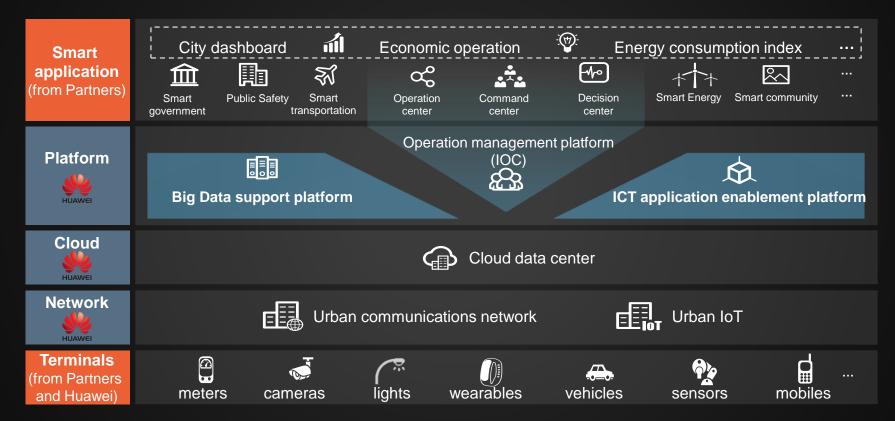
Network management, user management and business management convergence platform eSight **Core Switch Aggregation Switch** Access Switch **SMB Switch Datacenter Switch** Switch ➣ S9700 S7700 S6700 S5700 S3700 S2700 S1700 CE12800 wide Core Router Access Router AR G3 **Firewall** SSL VPN/IDS range Routing & Security <u>Q</u> Eudemon Eudemon Eudemon COO SVN 3000 NIP200 NE40E-X3/X8/X16 AR 150/200 AR 1200 AR 2200 AR 3200 200E 1000E 8000E perative **WDM** MSTP **Microwave** Transmission & **Microwave** products OSN 1800 OSN 6800 OSN 8800 OSN 2500 /3500/7500/8800 RTN 910 OSN 500 Metro 1000/500/100 **RTN950** RTN980 GSM-R Wimax PON WLAN AC ONT **GPON ONU** GPON OLT **Optical Access &** ACU blade in **Wireless Access** (4 u m ) b/4. S9300/S7700 (a. t. ---- | [ --t] - = AP6x10SN/DN AP5010SN/DN/ MA5600T MA561x/2x/3x **Terminal** HG7022/7024 **DBS 3900** AC6605 **AP7110DN** 

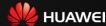


Scalability/Reliability

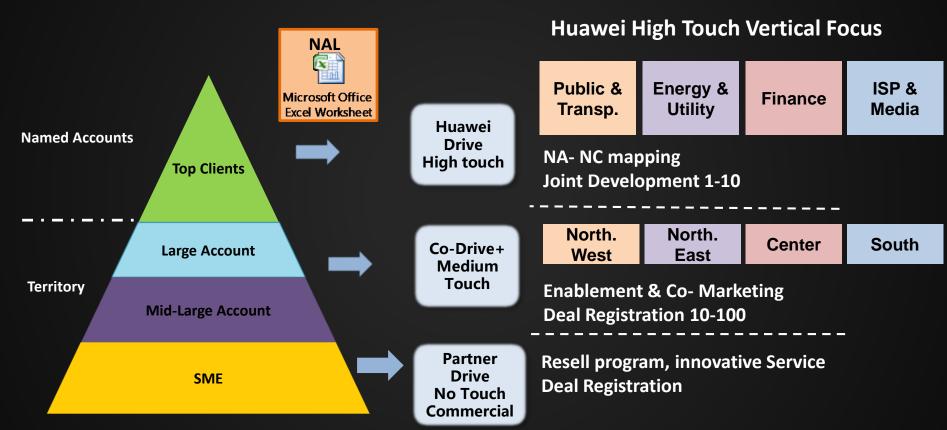


## **Smart city overview**

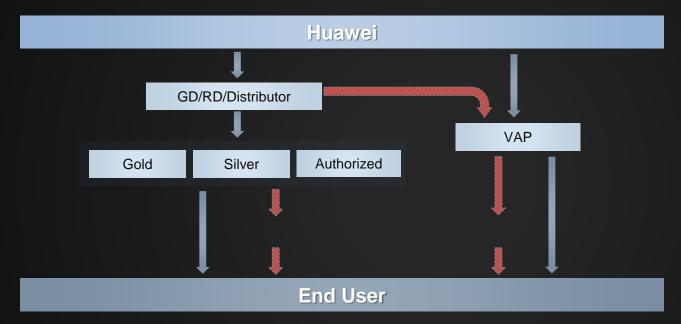




## **Go to Market Strategy 2018**



### **Channel Partner Structure**



According to Huawei's Channel Partner Registration Process for Enterprise Business, only channel partners who have registered successfully
can apply for certifications of Tier-1 or Tier-2 Channel Partner. Successful registration is a prerequisite for channel partners to obtain Huawe
products, solutions and services.





# THANK YOU

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