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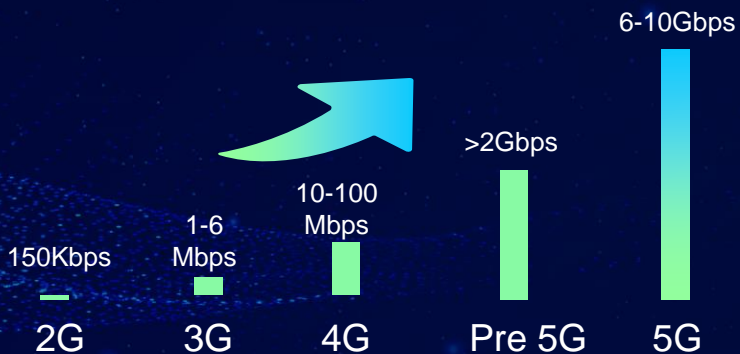
Leading 5G Innovations Embracing the Hyper-Video Era

ZTE Vice President Dr. Hua Xinhai Mar. 6, 2019 Shenzhen

5G commercial networks will go live in large scale by 2020

5G is re-shaping global operators' networks

5G is sparking an ICT revolution



One 1G ultra-HD movie can be downloaded within 15 minutes in a 4G network while 1 second in a 5G network.



4G realizes ubiquitous personal applications

Individual video services and mobile applications are under rapid development; 4K, AR/VR and online games greatly improve user experience.

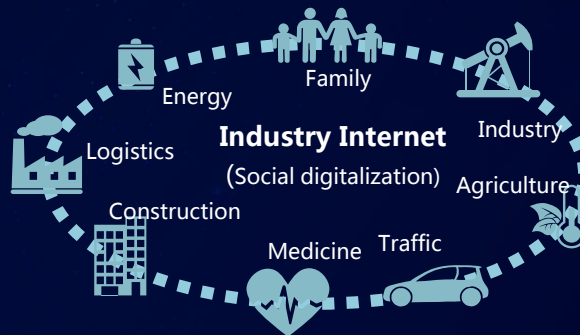


Enhanced traffic operation



5G enables society digitalization

Ubiquitous connectivity of massive video requires the full digital transformation and higher intelligence of industry applications and society administration.



Deepened data operation

4G changes personal life.

5G accelerates industry digital transformation, thus enabling social digitalization

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5G re-defines video services

The big video era has gone

The Hyper-Video Era is coming

A hand holding a glowing orb against a starry background. The hand is positioned in the center-left, with the thumb and index finger forming a circle around a bright, glowing sphere. The background is a dark, starry space with a dense field of small, bright particles or stars. The overall tone is futuristic and high-tech.

What is the Hyper-Video Era?

Hyper-fast: 5G

Hyper-HD: 8K

Deep intelligence: AI+AR

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5G Unveils 8K Hyper-HD Videos

With the hyper-fast 5G transmission, you can enjoy the spectacular 8K Hyper-HD videos of video conference, video broadcast and video surveillance with a bigger screen and more details.



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5G enables high-performing wireless video applications



Mobile video conference



VR Telepresence



Drone video surveillance



AR video surveillance

The hyper-fast video transmission in 5G networks accelerates the development of various innovative wireless video services.

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5G empowers smart video analysis, making AI everywhere

AI + MEC



8K and massive videos impose higher requirements on smart video analysis.

IoT, big data, cloud computing and AI are integrated than ever before to achieve all-round and real-time perception.

We are entering an era of Big Data, Pervasive Connections and Deep Intelligence.



Typical Video Applications in the Hyper-Video Era: Video Surveillance

Drone VS

AR VS

City Super-brain



Drone Video Surveillance

The Drone Video Surveillance, leveraging 5G, AI and smart video analysis, encourages innovations in auto-patrol for smart cities.

- ❑ Unmanned smart patrol
- ❑ Quickly arrive at the scene
- ❑ Real-time transmission of the scene videos
- ❑ Agile perception of city security

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AR Video Surveillance

AR glasses features face recognition to display the user ID of the targets.

- ❑ Immersive experience
- ❑ Large-scale and high-performing face recognition
- ❑ Search for and quickly lock targets
- ❑ Suitable for mobile law enforcement, security protection for major events and entrance/exit security check, etc.



City Hyper-Brain

Videos constitute a visual perception network and a visual center for a smart city.

- ❑ Leverages big data analysis to understand and predict city behaviors
- ❑ Gives early warning of emergencies and conduct smart video analysis to provide reference for decision making



A space-themed background featuring a view of Earth from space, with the Moon in the upper right corner. The Earth's horizon is visible on the left and right sides, showing blue oceans and green landmasses. The Moon is a large, dark sphere with a smaller satellite or crater visible on its surface. The background is filled with stars and nebulae.

ZTE is dedicated to building Hyper-Video capabilities

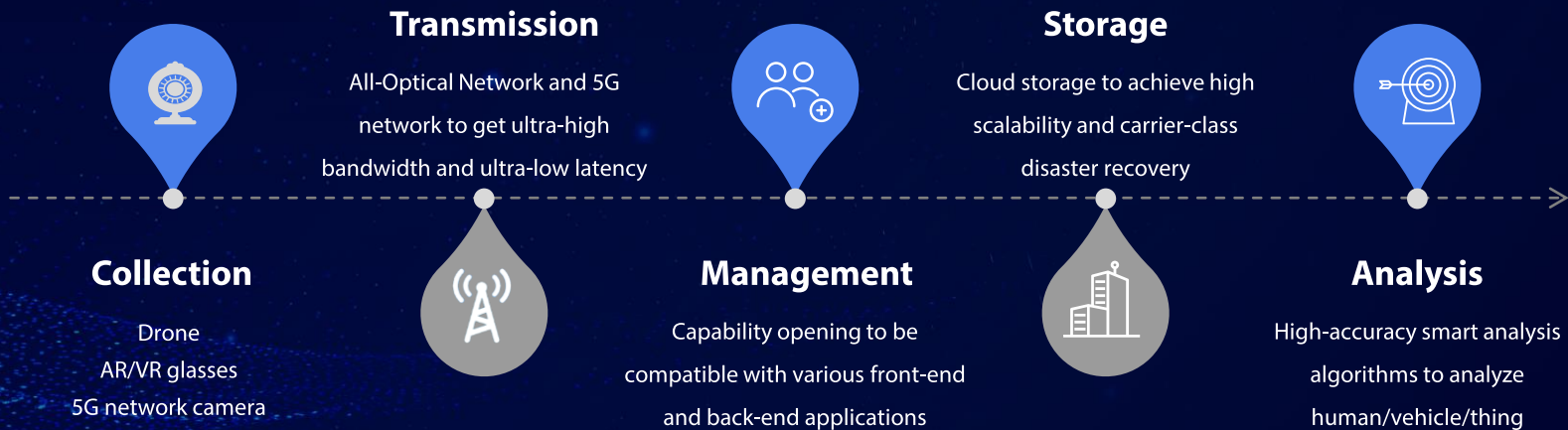
Video Surveillance

Video Conferencing

IPTV

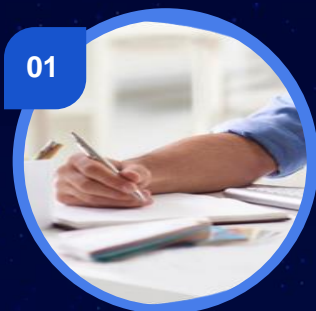
ZTE's 5G Augmented Cloud Video Surveillance

A Clearer, Wider and Deeper View



Hyper-HD Video Conferencing Leader

Hyper-HD, Rapid Interconnection, Superb User Experience



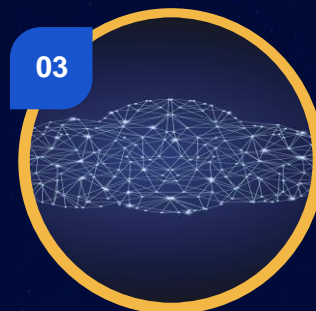
High video quality

- 4K ultra-HD visual communication
- Full series support H.265



User experience first

- Rich terminal options
- Data collaboration
- Featured functions of face/voice recognition



Cloud interconnection

- Hardware-software integrated cloud conferencing
- Professional and flexible



High security/integration

- First specially-encrypted cloud conference
- Capability opening to meet diversified requirements

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IPTV3.0 : Improved experience, upgraded platform, sound operation ecosystem

New Experience



Provide consumers with 4S extreme new experience

- Splendid
- Smart
- Special
- Speedy

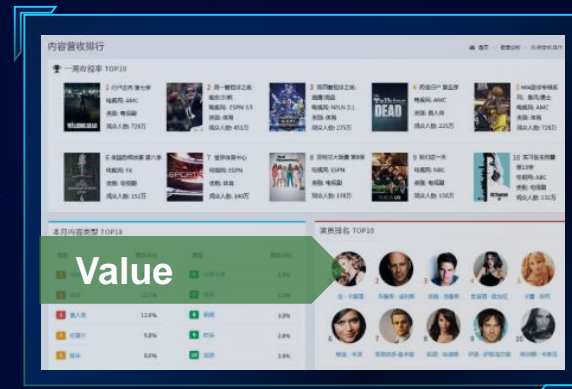
New Platform



Provide operators with a user-driven and future-proof new platform

- Agile innovation
- Energy saving
- Economic investment
- Reliability enhancing

New Operation



Build a new operation ecosystem for the industry chain

- Digital transformation enabler
- Ecosystem enabler
- Profit enabler

Video + AI , Connecting the World

Leading 5G Innovations