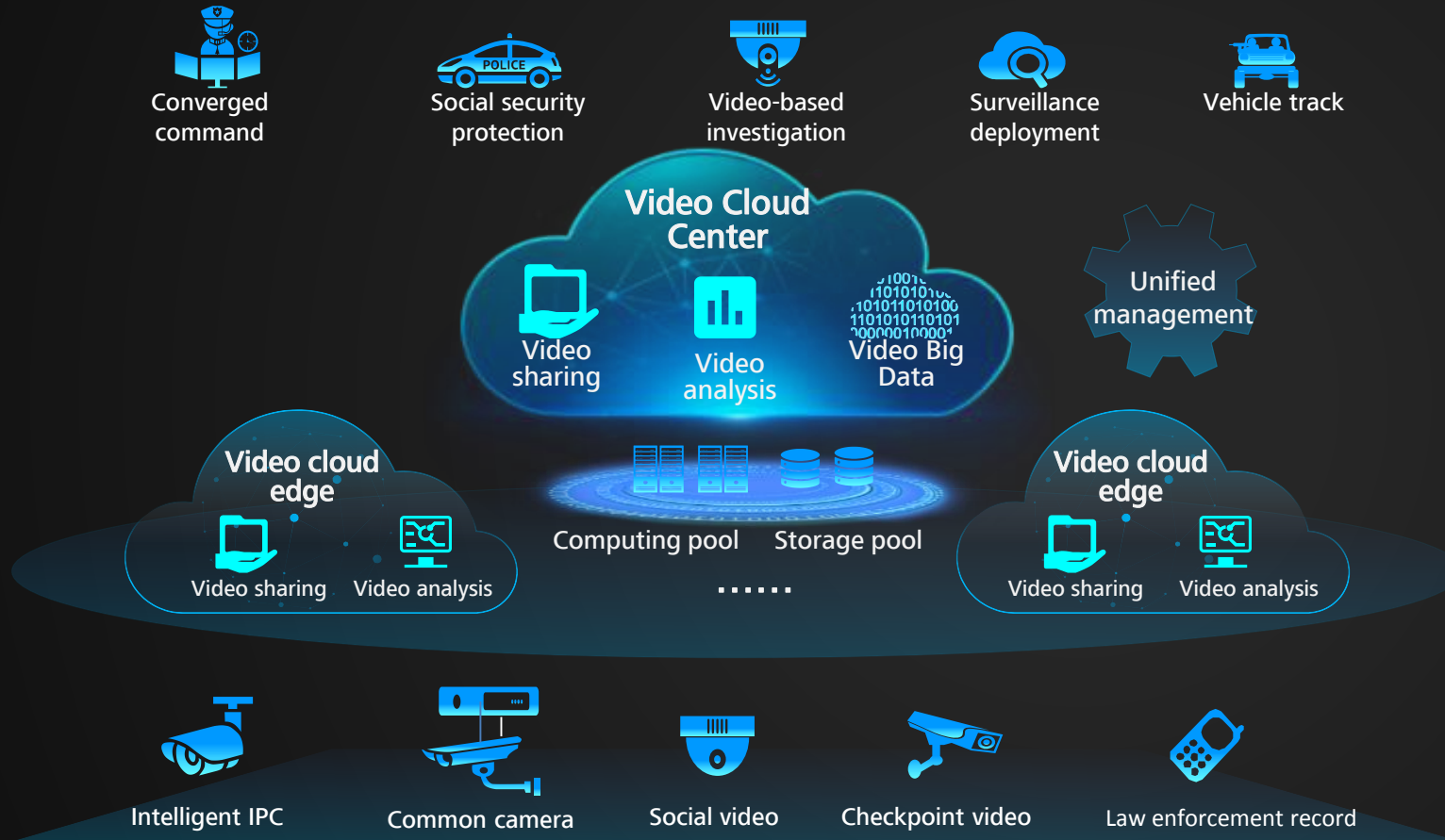




Smart Video Cloud: Sharing, Intelligence, Openness



Openness

On-demand optimal application selection

Distributed Intelligence

Video analysis anytime anywhere

All-Cloud Sharing

Video viewing anytime anywhere

Joint Innovation with CRS4 for A Safer & Smarter Sardinia in Italy



Background

- Sardinia is an Autonomous region in Italy
- CRS4: Research & Development Center of Sardinia; Innovative Technology provider.
- To build a Joint Innovation Center for prove the concept of safer & smarter city.

Huawei Solution

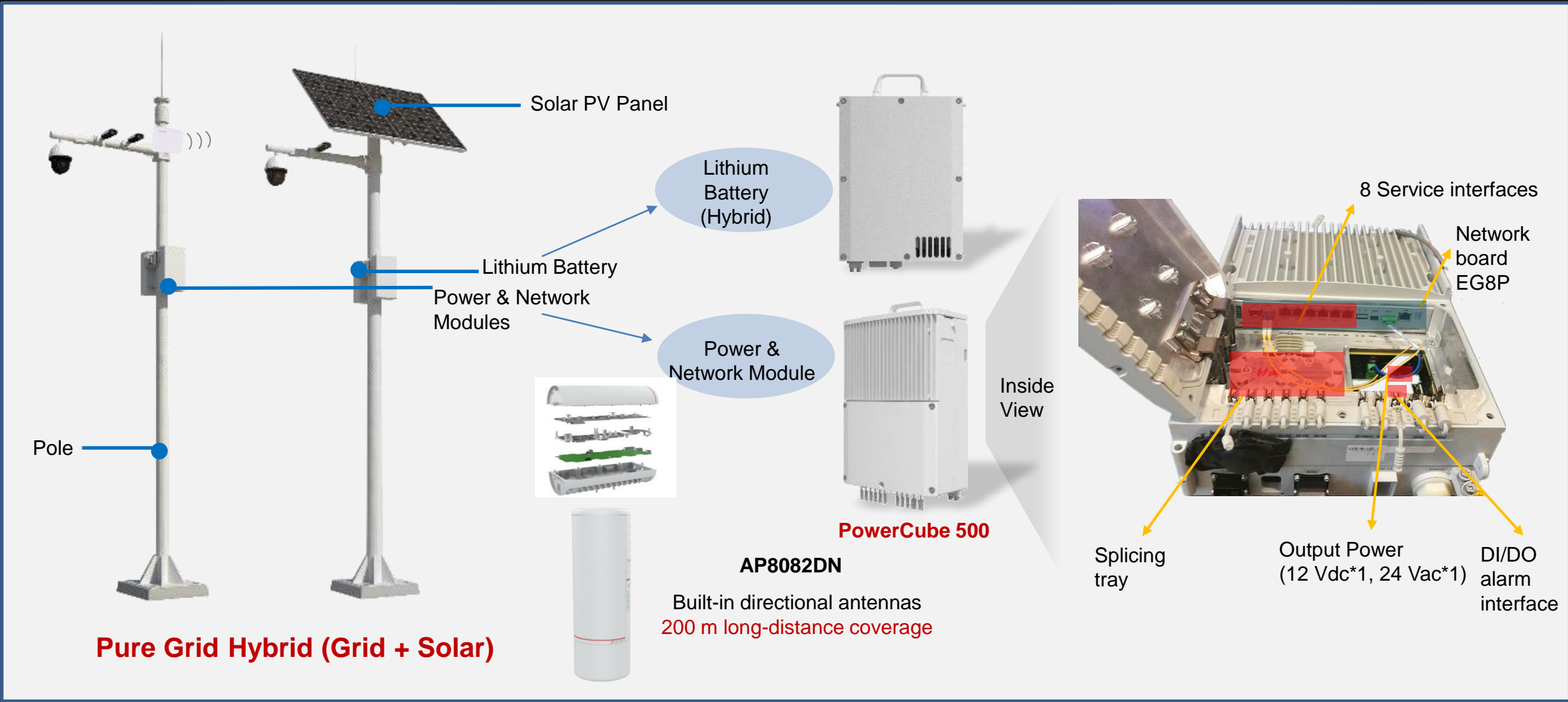
- Video surveillance (face recognitions/pre-early warning, etc);
- eLTE coverage of selected areas of the region.
- Regional wide sensors system of environment & weather information, etc;
- Cloud DC for gathering, storing, intelligent analysis of data mining;

Customer Benefits

- A full verification of technical feasibility and benefits of the smart city concept.
- eLTE Rapid helped to rescue the trapped people in the Avalanche and in the flood.



Sample Product for Smart City: PowerCube 500 for Intelligent Pole



Smart Street based on smart All-in-One Site



Sensors

- Monitoring cities' environment
- Noise sensor
- Air pollution detector
- Temperature/Humidity sensor
- Brightness sensor



Video Surveillance

- Security monitoring
- Vehicle monitoring



RFID

- Special populations Monitoring
- Manhole Monitoring
- Community security monitoring
- Municipal facilities monitoring



Emergency Button

- Field contact with the monitoring center
- Active broadcast from the monitoring center to field

Intelligent Lighting

- Cellular cooling technology
- Light distributing based on brightness
- Intelligent single lam/centralized
- A variety of optional module design

Wireless network

- WiFi hotspot

Information Display

- Advertising
- Political news
- Information release

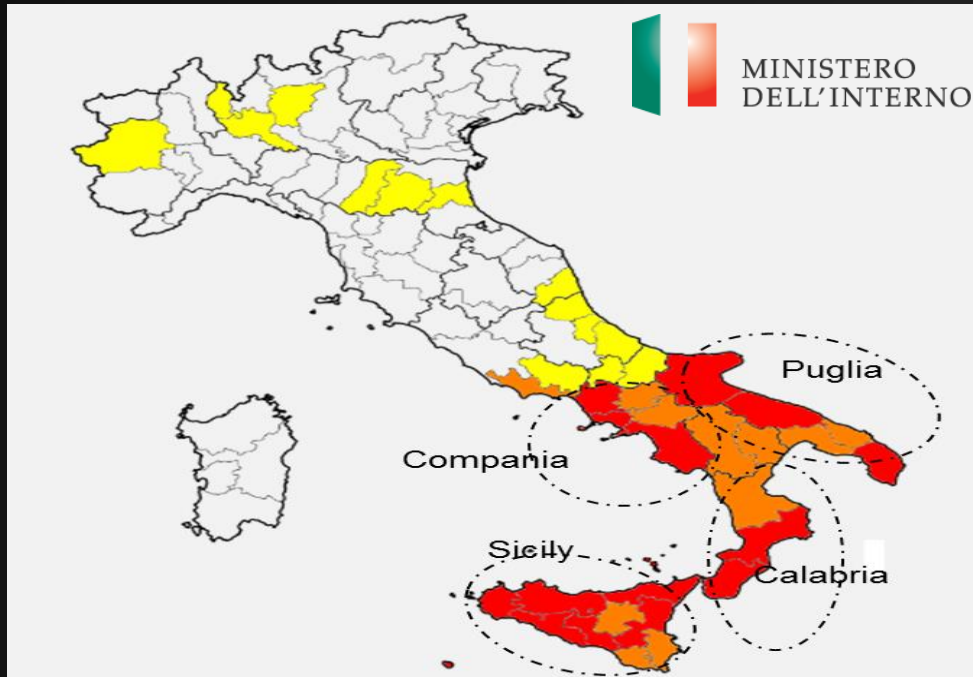
Charging Pile

- Electric car
- Electric bicycle



MOI Italy: Intelligent Video Surveillance to Improve Public Safety for 4 Southern Regions

LEADING NEW ICT



MINISTERO
DELL'INTERNO

TIM



HUAWEI



NICE

MOI Italy : Ministry of Interior of Italy, the main responsible department for public safety.

Challenges

- **Poor public safety situation in Southern Italy.**
- Existing video surveillance facilities are outdated.
- To build new generation Intelligent Video Surveillance in Puglia, Campania, Calabria, Sicily.

Solution

A Video Surveillance bundle solution for flexible combination, easy to manage and deploy, consists of:

- HD Video Cameras (Dome & Box) for high quality and stable video.
- Industrial Routers for video stream backhaul.
- Servers, Storage, Switches, UPS for building the Cloud Data Center, which is used for Intelligent Video Analysis.

Customer Benefits

- 360°, all-day monitoring.
- **Real time detection and pre early warning.**
- **Improve crime investigation efficiency.**
- Road Safety to Regulate driving behaviors and Reduce Accidents.