



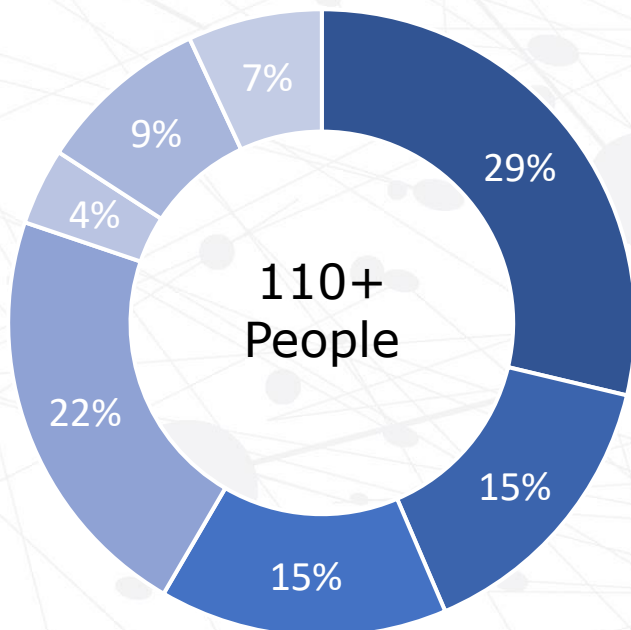
CounselGroupFrankfurt

#WeTrustTogether
#WeOfferSolutions
#WeGrowTogether

**ON-SITE IT COUNSELING
SOLUTIONS & SUPPORT**

CGF Romania at a Glance

About us



Areas of Practice

- IT Application Management & 24/7 (40+)
- DevOps (20+)
- EAI / API Management (20+)
- Software Development (Java, PHP) (10+)
- Business Analysis (5)
- Service & Project Management (12)

Key Accounts CGF AG



powercloud
Allianz

e-on



Integration Customers
CGF Romania



AKER BIOMARINE



Charlotte Tilbury

HANSEL

NOVARTIS

Allianz



Continuous improvement of the processes in order to permanently deliver a stable quality

ADVANCED PARTNER



Boomi

LEVEL 3 CERTIFIED



PLATINUM PARTNER



CONNECTIVITY & INTEGRATION SERVICES

100+ years cumulative experience in Enterprise Application Integration

Highly specialized:



Specialized:

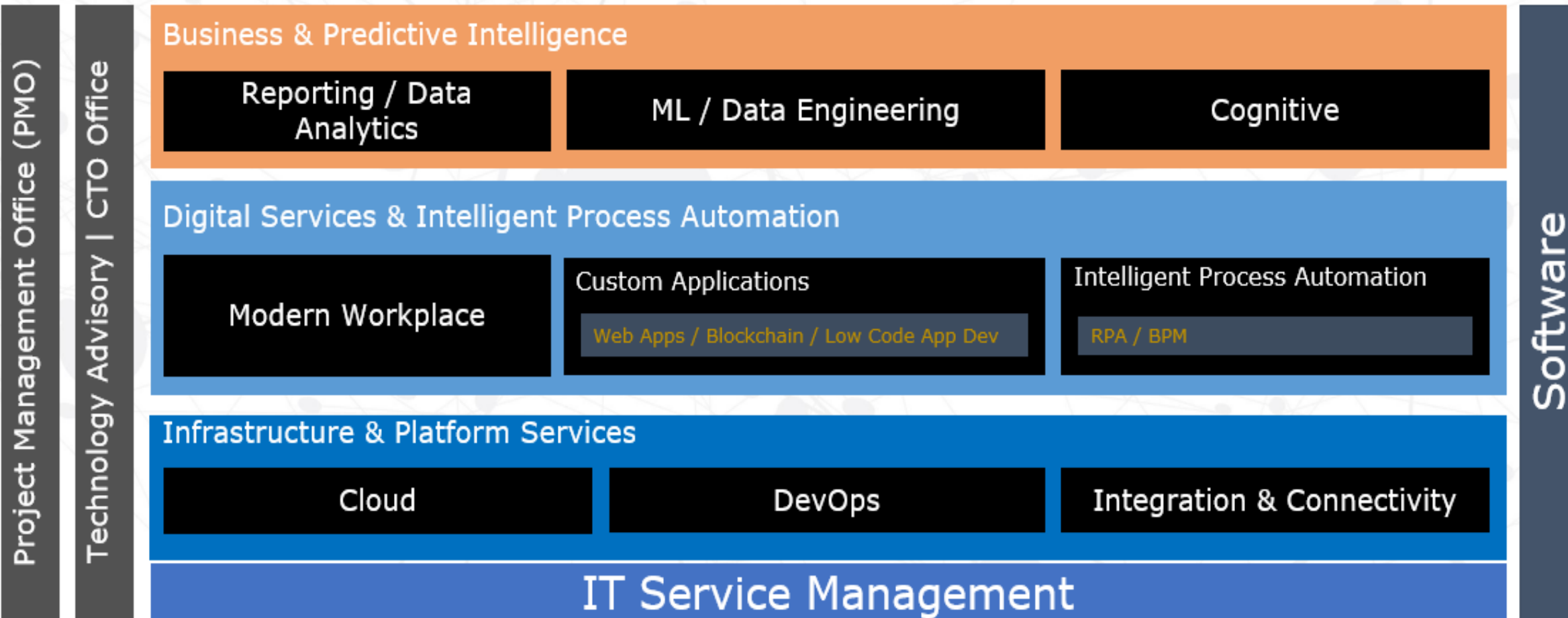


Learning fast:



- 15 Dell Boomi Professional Developer certifications
- 3 Dell Boomi Professional Architect certifications
- 7 API Management Professional certifications
- 6 IBM Integration Bus v.10 Developer certifications

OUR TECHNOLOGY SERVICES



OUR VISION FOR CONNECTIVITY

COMMUNICATIONS WITH THE ENVIRONMENT

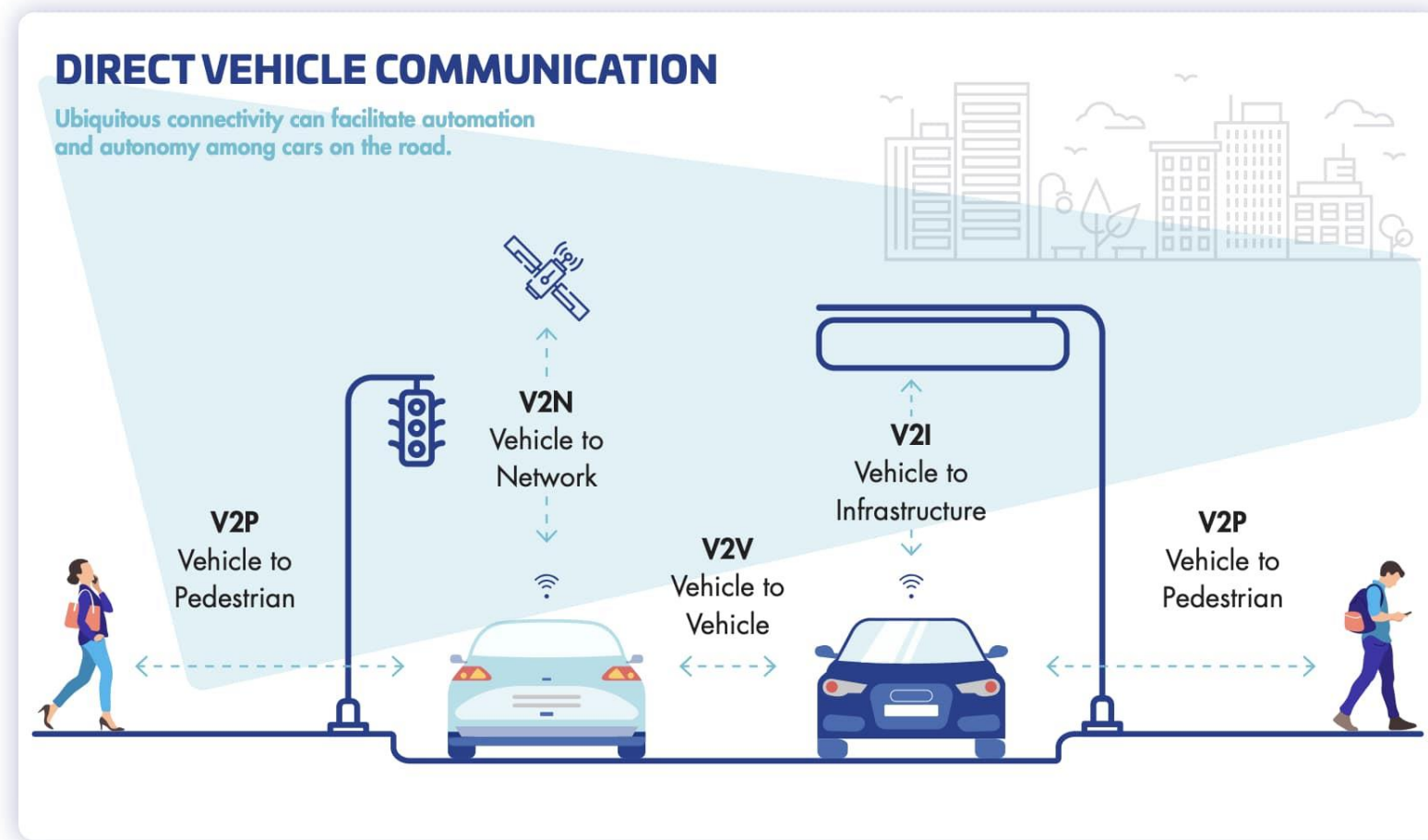
- The future is reserved to autonomous cars
- Actual cars are very complex but closed systems; decision making based on information from internal sensors, embedded artificial intelligence and human interaction
- Next level is represented by collaboration between cars and the environment in which it evolves



INFRASTRUCTURE AND ARCHITECTURE

COMMUNICATIONS BETWEEN CARS AND ENVIRONMENT NEED

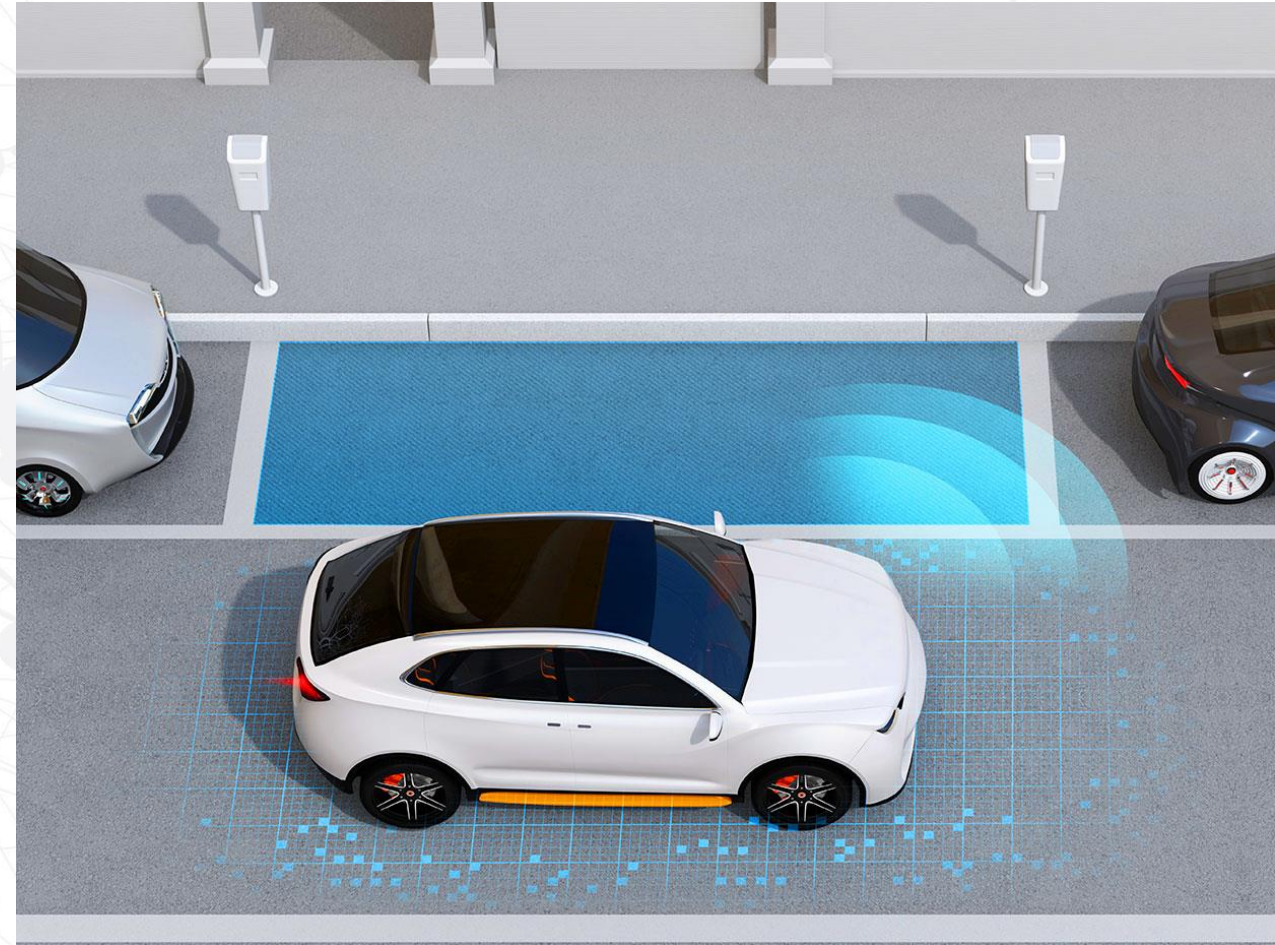
- Open standard protocol of communication
- Priority levels of messages
- Cybersecurity protection
- External infrastructure for information exchange (hardware and software)
- Distributed API catalogue



USE CASE FOR AUTOSAR

PARKING SYSTEM FOR INTELLIGENT CITIES

- Fixed systems for parking management and coordination
- Just a parking request from the driver or passenger should be enough in the cities of future
- No human interaction will be necessary; like the identification of parking place or special maneuvers
- No proximity requirement and improve usage for large car park buildings / areas



COUNSEL GROUP FRANKFURT AS SMART CITY PLAYER

- Member of Smart City Romanian Association
- Playing an active role in Smart City development activities
- Software development and support
- Hardware design in partnership with Cisco
- Project implementation and maintenance



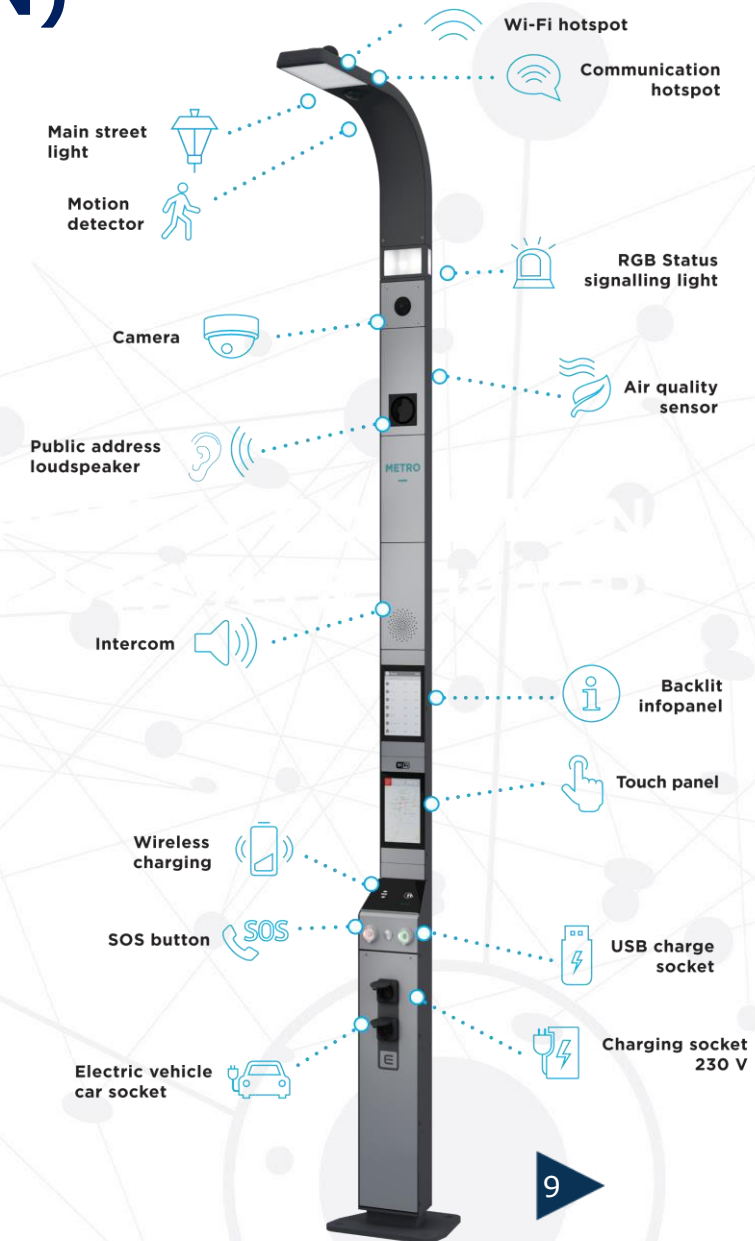
ASOCIATIA
ROMANA
PENTRU
SMART CITY

fast **P**ark



GADGET LIGHTPOLE EXTENSION NODE (G.L.E.N)

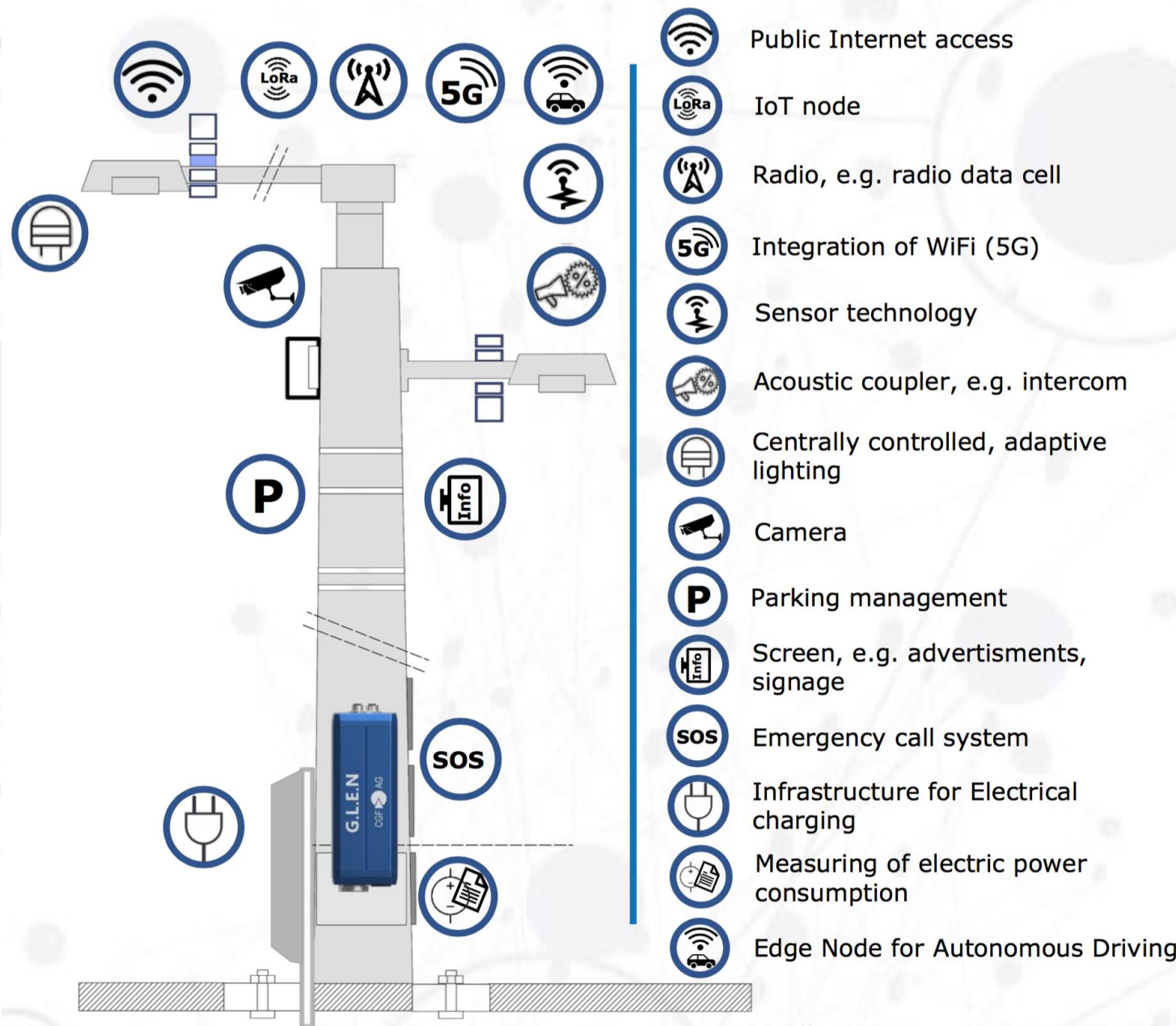
- Is an extension node for existing data networks (i.e. municipal data networks) so that future IoT applications can be easily integrated
- Due to the nationwide infrastructure and the nationwide connection to the power supply and the data networks of the cities, light poles offer the ideal location for an integrated multifunctional digitalization infrastructure. This makes G.L.E.N. the key technology for cities to further develop into a “Smart City” using digital function blocks
- SMART CITY by using existing infrastructure



GADGET LIGHTPOLE EXTENSION NODE (G.L.E.N)

APPLICATION SCENARIOS

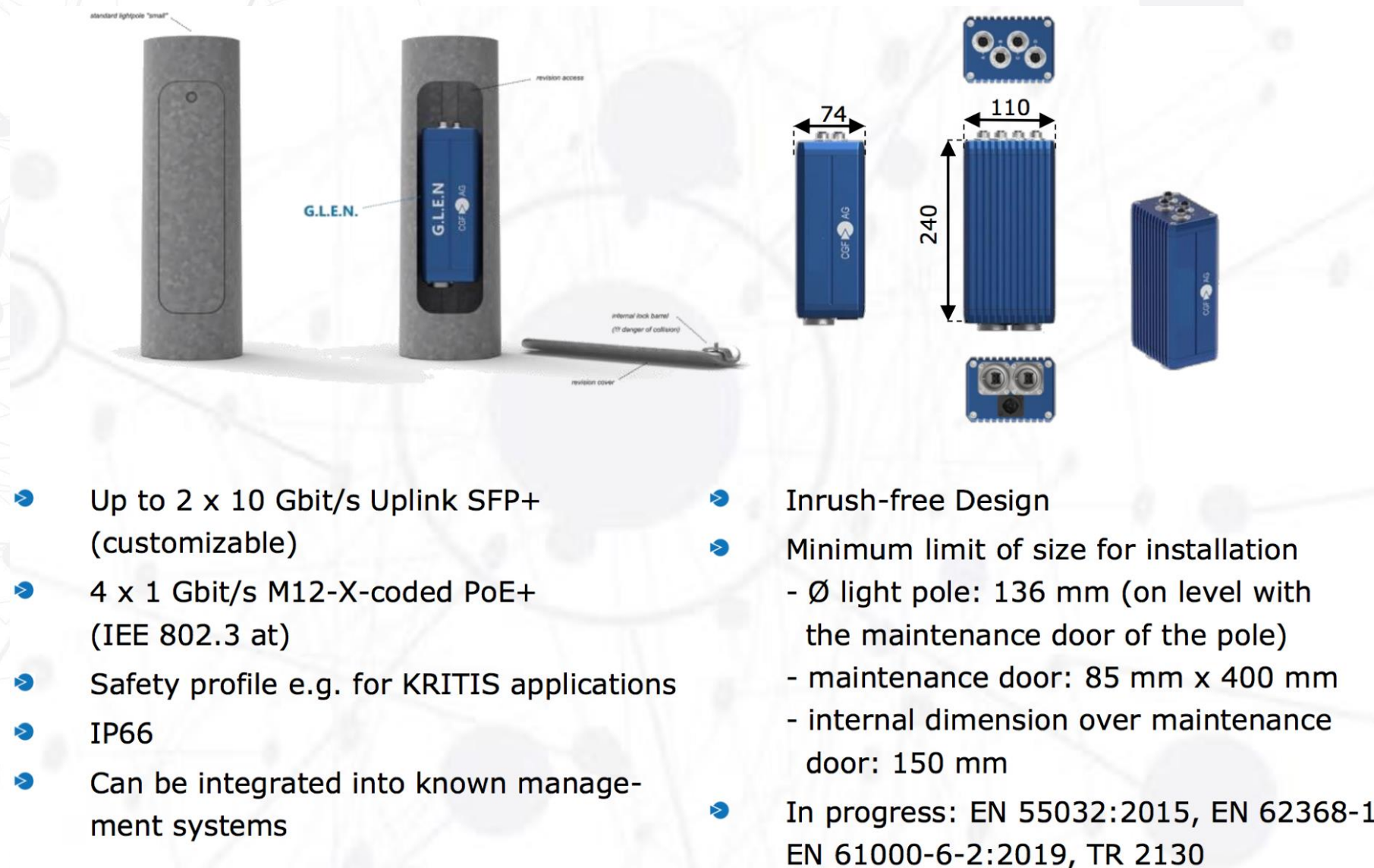
- Data collection for integration of different network protocols
- Outdoor installation in harsh environments
- Sensor integration for multiple network protocols
- Charging station data collection
- Industry 4.0 network relay
- Critical infrastructure (eg. Kritis)



GADGET LIGHTPOLE EXTENSION NODE (G.L.E.N.)

TECHNICAL DETAILS

- Cisco compatible
- Aluminum hardcase
- Customizable ports
- Power-over-Ethernet ports, no console
- Remote firmware upgrade
- Cisco Meraki Cloud integration





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THANK YOU!