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Ministry of Economy and Industry
Foreign Trade Administration

Smart City Technologies Roadshow in Germany September 2022

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Smart Mobility

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Mobility, Ticketing And Big Data Solutions

http://hopon.co/

Solutions for Public Transportation

- **MaaS**
- **E-Ticketing**
- **Account Based Ticketing**
- **White Lable or SDK**
- **On-Demand Solutions**

Watch a Video

HopOn technology was created to support public transportation of the future. The HopOn platform helps you transition smoothly to MaaS, with post-paid, account-based billing and best-price models.

Our cloud-based technology provides real-time data on passenger volumes and journeys, enabling PTOs, municipalities, and smart city organizations to analyze trends and optimize services.

The HopOn solution has been implemented in major European cities and integrated with leading banks.

In 2021 ECR partnered with HopOn, to offer the most comprehensive end-to-end

MaaS solution to date. One of the longest established specialists in M-Pos field, ECR has been deploying systems for over four decades across retail, transport, hospitality, ticketing, and leisure.

Intelligent Traffic Systems and So Much More

https://actelis.com/smart-city/

Smart City

Intelligent Traffic Systems

Smart Rail

Actelis Networks is an industry-leading provider of high-performance, scalable broadband over copper solutions. The company turns copper into a strategic asset that can deliver reliable high-speed Ethernet services and broadband access to more places, more quickly, easily, and cost-effectively than fiber optics or microwave.

The company's global market presence includes many telecom mobile and fixed network operators, including PTTs/RBOCs, ILECs/IOCs, and CLECs, plus operators of government, industrial, utility, and railway networks. Actelis provides G.SHDSL and VDSL2-based Ethernet first mile (EFM) bonded copper products and solutions, and broadband amplifiers (BBA) for VDSL2 and ADSLx.

eLinkAir

Electrified Road System
Supplying electricity to vehicles on-the-move

https://www.elinkair.com/ehighway/

Electrification of Heavy Duty Transportation

ERS (Electrified Road System) is a key tool in the quest to electrify transportation. Supplying electricity to vehicle on-the-move is the most economical and clean way to energize transportation. Electric trains and tramways are known for over a century, however – they are confined to their rails, which is a huge limitation. The only vehicles on rubber wheels that have been electrified on-the-move are the trolleybus and some form of monorail. These technologies again confine the vehicle to drive only in their dedicated routes.

eLinkAir develops technologies that will enable electric transportation to be electrified on-the-move in ERS routes, but at the same time be also flexible to drive independently on any ordinary roads as well. This flexibility opens completely new horizon to mass electric transportation.

eHighway is an ERS promoted mainly by Siemens, with collaboration of several truck's companies.

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Connectivity & Smart City Infrastructure

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RADWIN

Best-in-class wireless solutions that enrich people's lives!

https://www.radwin.com/

Wireless and Broadband Solutions for

- **Rail and Metro**
- **Smart Cities**
- **Carriers**
- **Service Providers**

RADWIN is a provider of point-to-point and point-to-multipoint broadband wireless solutions. Incorporating advanced technologies such as a beamforming antenna and an innovative air interface, RADWIN systems are designed to deliver optimal performance in the toughest conditions, including high interference and obstructed line of sight.

Deployed in over 170 countries, the company's solutions power applications including backhaul, broadband access, private network connectivity, and video surveillance transmission, as well as delivering mobile broadband for trains, vehicles, and vessels.

Flycomm reduces management & planning complexity and costs by 30%

https://landing-origin.flycomm.co/

City Connectivity

Unique Plaform for

- **Smart City**
- **Towers and REIT**
- **Public Safety**
- **End Users**
- **Big Data Ventures**

A breakthrough cloud-based software platform, based on unique algorithms for monitoring, managing & planning communication - based 5G applications.

Flycomm is a A unique platform to be used for different needs, all related to the best use of communication resources.
By collecting Big Data, Flycomn provide a network layer that helps Telco's, smart city planners, Security forces, navigation apps for drones & autonomous vehicles and every end-user to get the best connectivity.

Providing solutions for Cellular Operators, Public safety, Towers and REIT, Big data, Smart City, End users and Popular Applications.

NEWSIGHT IMAGING
WHERE TECHNOLOGY SHINES

The Next Generation of Sensing

https://www.nstimg.com/machine-vision-smart-city/

- **3D Mapping of Environment**
- **Real-Time Data of infrastructure, traffic and more**
- **Low Price enables large scale integration**

Newsight Imaging develops advanced complementary metal oxide semiconductor (CMOS) image sensor chips for 3D machine vision and spectral analysis. The company's depth camera sensors for machine vision specialize in highly reliable, accurate, portable, and affordable 3D image sensing.

Newsight's sensor solutions serve verticals such as mobile, robotics, Industry 4.0, augmented/virtual reality, automotive, safety, and surveillance. Its time-of-flight (TOF) technology enhances short-distance indirect TOF and provides accurate depth sensing for longer distances, even outdoors.

The company has also developed an AI-based spectrometer-on-chip, SpectraLIT. SpectraLIT offers a solution for remote health, real-time diagnosis, and quality inspection solutions for water, food and beverage, and more.

The company has signed agreements with Mekorot, the national water company of Israel; partners in Hong Kong who will license the spectral technology; and a hospital in Israel, following a pilot for virus detection.

Connecting IoTs in Smart Cities Reshaping the Urban Experience

https://www.thinkz.ai/

Opportunities for

- **Government / Municipalities**
- **Environment**
- **Resource Availability**
- **Service Outage (e.g. Electricity or water outages)**

Smart cities are great, but liveable, intelligent cities, are sensational!

Thinkz' revolutionary technology enables live connectivity between different types of IoTs, creating a responsive, comprehensive, real-time network of all Things.

The power of collaboration between Things gives the city limitless options to elevate urban living:

For Residents: Connecting data from public transportation paired with information from restaurants, health facilities, and public spaces.

For Businesses and Visitors: Visitors will be able to visit a comprehensive, online hub where they can plan their entire adventure, factoring in current conditions and planned, future events. That gives travelers both peace of mind as well as a sense of security that their journey will meet all their expectations.

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Citizen Engagement

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More Friends.
Fighting Loneliness.

https://safemeet.community/

- **Community Building**
- **Citizens Wellbeing**

Safemeet provides Children's age 14-18 a solution at school so they will not be alone anymore,
Using Safemeet they can get up to 1,000 potential friends.

Using Safemeet any user can have at least One true heart-to-heart meeting a day.

Real conversations. with people, you see eye to eye, with who can support you and have a real friendship.

Today, many teens all around the world suffer from loneliness. Safemeet uses special Ai systems and calculations to get you friends efficiently and easily, stopping loneliness.

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