

**ECS  
BROKERAGE  
EVENT**

# SME Pitches

BigTRI Bilisim Anonim Sirketi

Contact person name: Berkay Yaman

Organisation: BigTRI

E-mail: [berkay.yaman@bigtri.net](mailto:berkay.yaman@bigtri.net)

# Company at a glance

**ECS**  
**BROKERAGE**  
**EVENT**



Connected & Automated Mobility



Digital Industry



Located in  
technology  
development area in  
Istanbul, Turkey



Close collaboration  
with **academy** and  
**industry**



C-ITS test site for  
validating **Connected**  
**and Automated** Mobility  
solutions



**Spin-off SME**  
Company Size: 10-20 Employees (Engineer)



Collaboration with  
Telecommunication  
Operators, **OEMs** and  
**Municipalities**

## Highlighted Products:



# Company's Activities

BigTRI's role within international projects:

- Value chain between **academia**, **technology providers**, and **OEMs**
- Technical coordination
- **Use case** provider
- Verification & Validation
- Demonstration / Access to CCAM [Demo Site](#)

**5+** Ongoing & Completed  
Horizon Europe Projects  
→ WP Leader / UC Leader

**10+** Ongoing & Completed  
National R&D Projects  
→ Coordinator / WP Leader

**15+**  
Years of experience in C-ITS domain

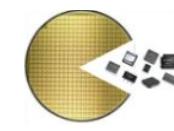
BigTRI is a member of:



BigTRI Bilisim Anonim Sirketi

## Ongoing Projects

**IoLiPoP-IoT**



**E2Packman**

**BRIGHTER**



**RIGOLETTO**  
HIGH PERFORMANCE  
RISC-V SOLUTIONS



# Key Competences

### Mobility, C-ITS, Automotive

uPQComing

#### PQC for CCAM

End-to-End PQC for CCAM with V2X

InSecTT

BEYOND5

#### C-ITS Management Platforms

CCSP, CCSMP

DECICE

BRIGHTER

#### C-ITS Infrastructure

V2X Radios, Traffic Lights, Cameras (RGB, IR)

InSecTT

BEYOND5

#### V2X Applications Suite

Day 1, Day 2

#### Edge Computing

Part of Edge-Cloud Continuum

DECICE  
BRIGHTER

#### RISC-V (for SDV)

AI Acc &amp; Solutions

Rigoletto

### Manufacturing, ECS, Digital Industry

#### Testing with AI/ML

#### Failure Analysis

#### Product Quality & Reliability

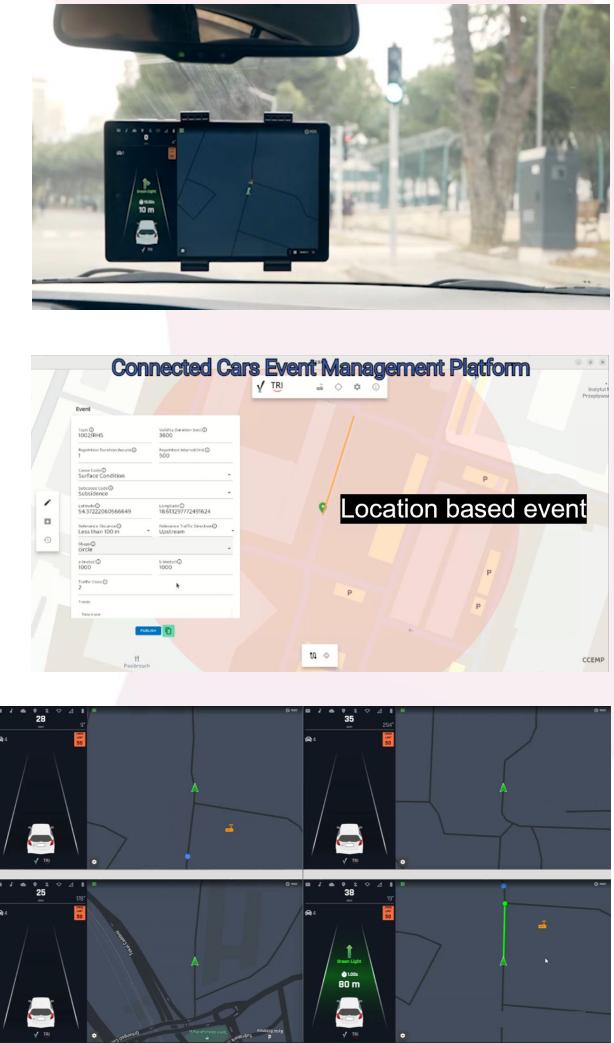
#### Industry 4.0

#### Smart Manufacturing



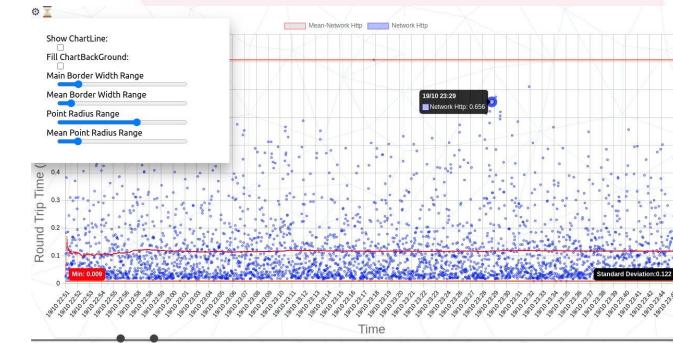
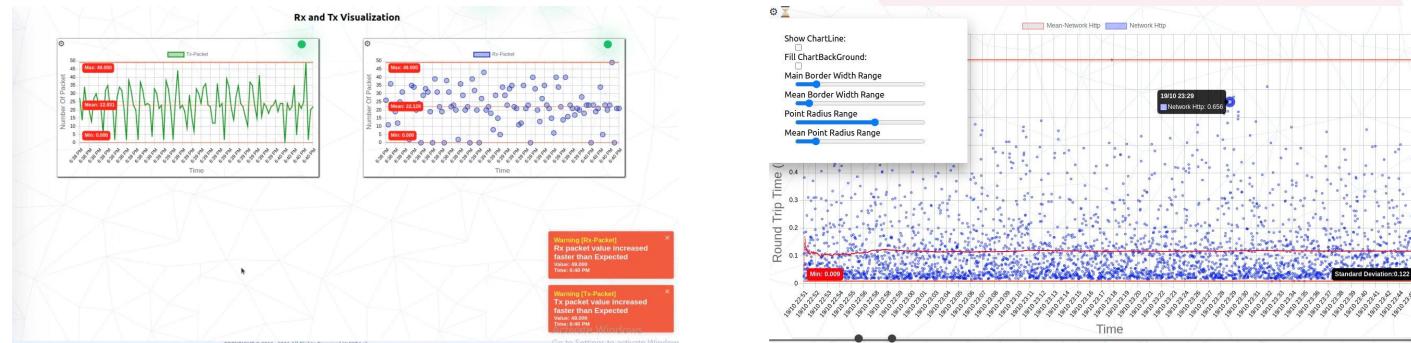
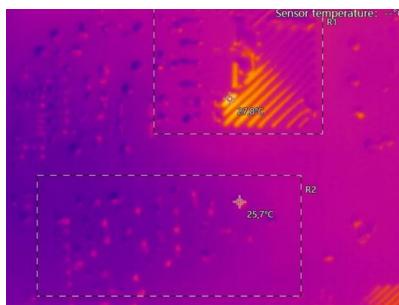
# Key Competences

- Connected and Autonomous vehicles / CCAM
  - V2X communications & Applications
  - PQC, Cyber-Security/-Resilience
  - Multi-Modal Perception
  - Monitoring and management in a heterogenous C-ITS infrastructure
  - VRU Safety
  - Edge-Cloud Continuum
- Software Defined Vehicles
- Verification & Validation
- C-ITS test & demonstration site ([VeST-AVe](#))



# Key Competences

- Edge-AI / Embedded-AI
  - Optimization for **AI** accelerators
- Edge-Cloud **Workload Orchestration**
- Wireless network monitoring & anomaly detection
- End-of-line testing
- AI-based predictive maintenance



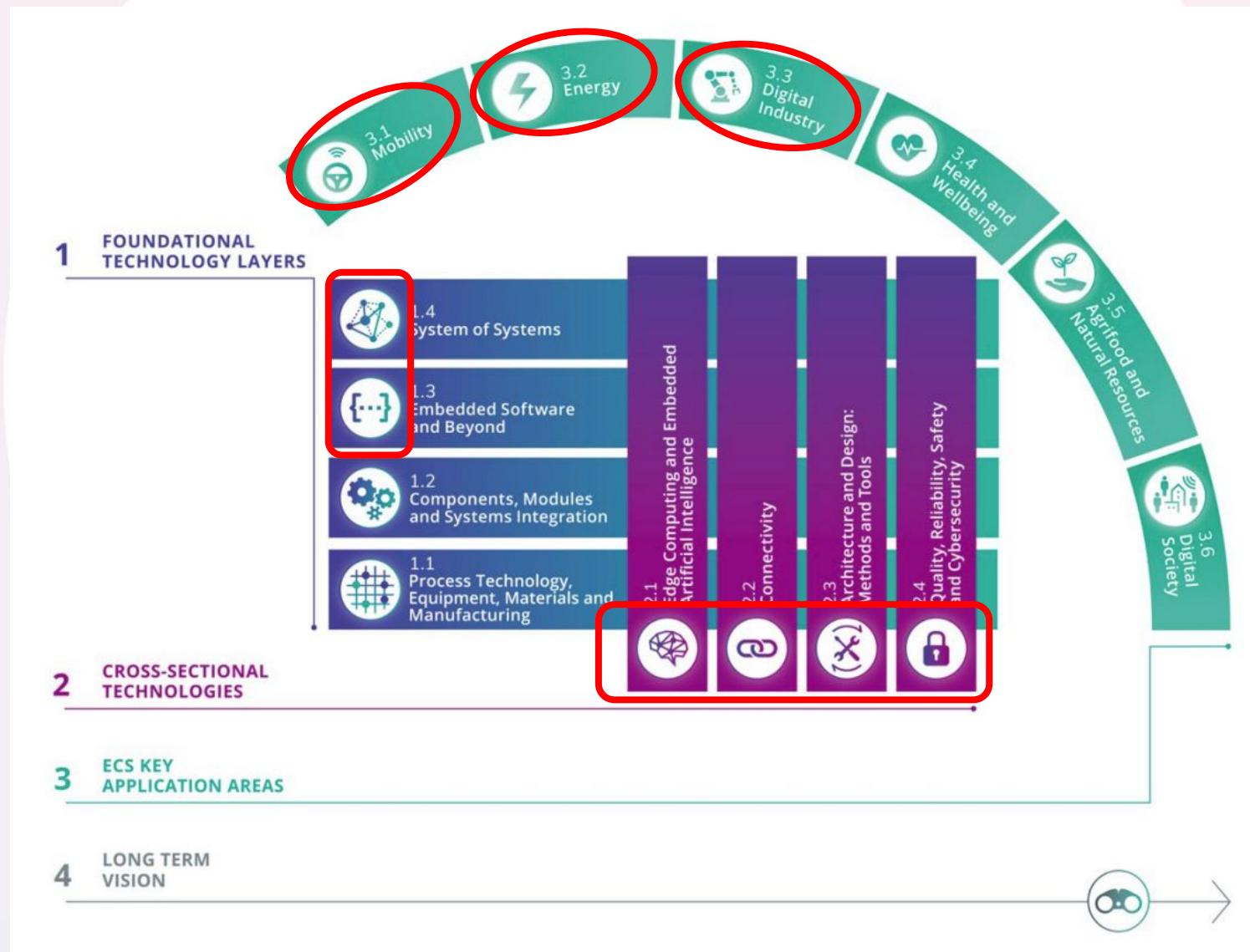
# Use Case Idea

*Title:* Efficient EV Charging Spot Monitoring and Notification

*Addressed Key Application Areas in SRIA 2025:* Mobility, Energy, Digital Society

- AI-driven **predictive decision-making** and **assistance**, for multi-actor coordination in complex traffic scenarios.
  - [ETSI TS 101 556-1](#) V1.1.1 (2012-07): Electric Vehicle Charging Spot Notification Specification
- Monitoring of vehicle charging stations to detect anomalies and connectivity issues
- Effective and efficient use of **renewable energy** in a **grid-based energy infrastructure**

# ECS SRIA 2025



ECS  
BROKERAGE  
EVENT

# THANK YOU

**BigTRI Bilisim Anonim Sirketi**

Contact Person: Berkay Yaman  
E-mail: [berkay.yaman@bigtri.net](mailto:berkay.yaman@bigtri.net)



[bigtri.net](http://bigtri.net)