

ECS
BROKERAGE
EVENT

SME Pitches

BigTRI Bilisim Anonim Sirketi

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Company at a glance



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:



Find out more at bigtri.net

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**

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

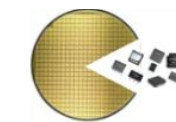
10+ Ongoing & Completed
National R&D Projects
→ Coordinator / WP Leader

15+
Years of experience in C-ITS domain

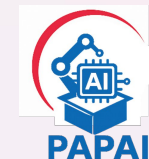
BigTRI is a member of:



Ongoing Projects



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
BEYONDS

C-ITS Management Platforms

CCSP, CCSMP

DECICE
BRIGHTER

C-ITS Infrastructure

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

InSecTT
BEYONDS

V2X Applications Suite

Day 1, Day 2

Edge Computing

Part of Edge-Cloud Continuum

DECICE
BRIGHTER

RISC-V (for SDV)

AI Acc & Solutions

Rigoletto

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Manufacturing, ECS, Digital Industry

Failure Analysis

Product Quality & Reliability

Industry 4.0

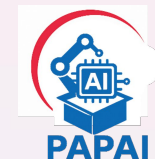
Testing with AI/ML

Defect Detection & Anomaly Detection

Smart Manufacturing



E2Packman



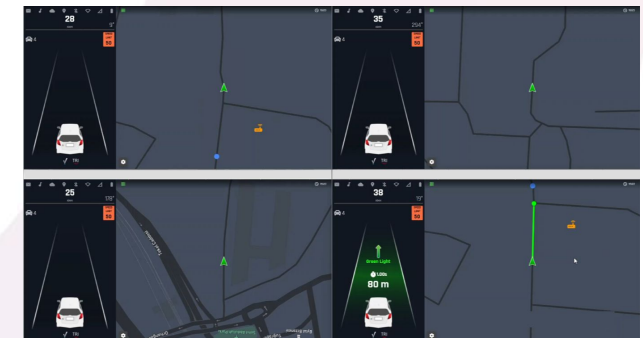
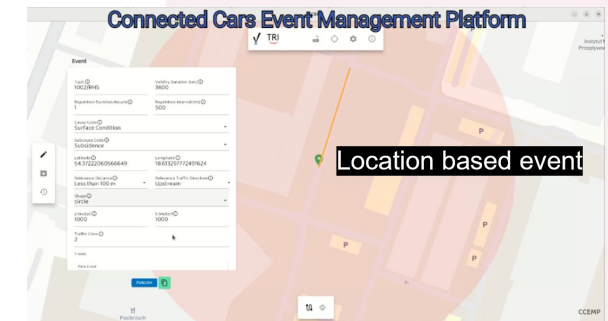
PAPAI

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](#))

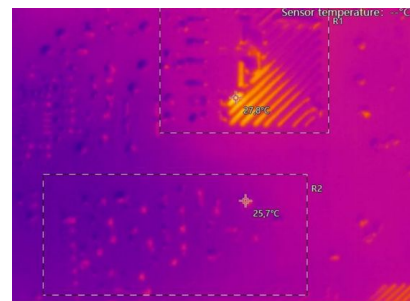
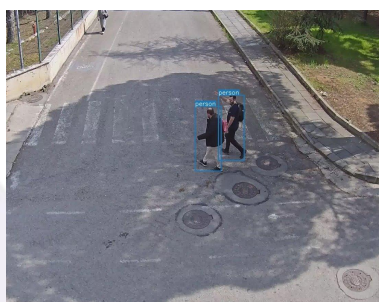
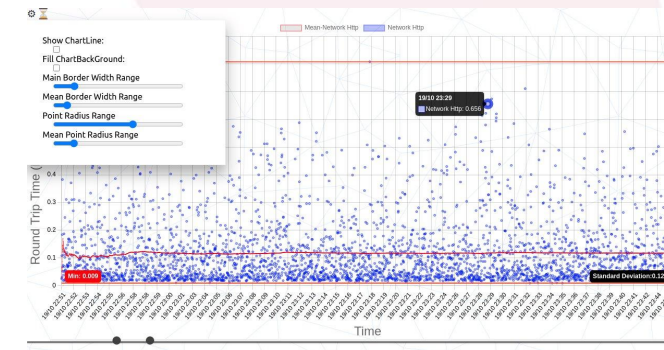
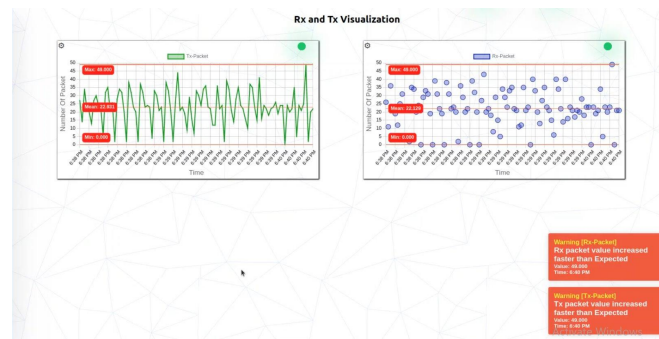


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Key Competences

- 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



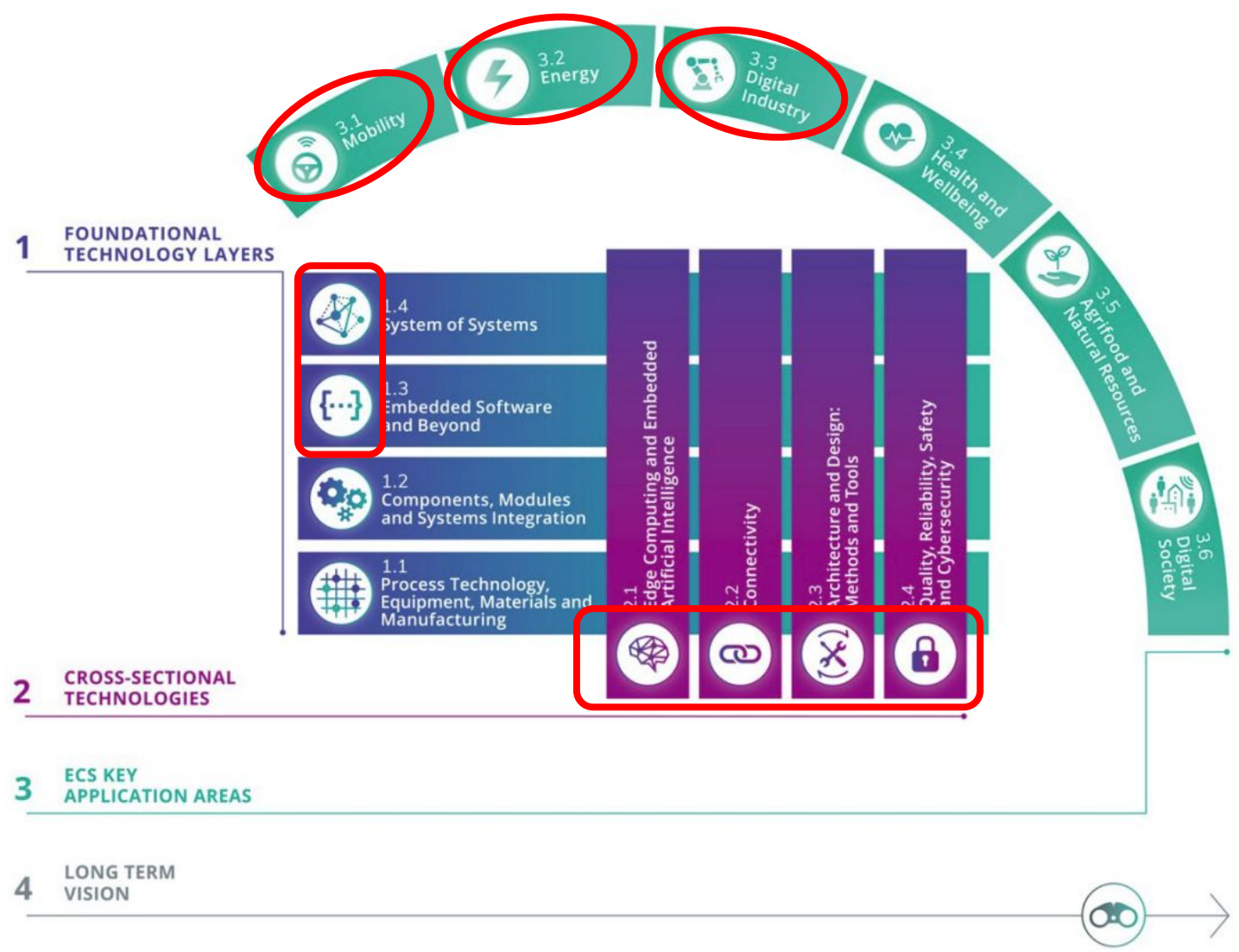
Use Case Idea

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



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THANK YOU

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