Bringing Internet of Things and Artificial Intelligence together
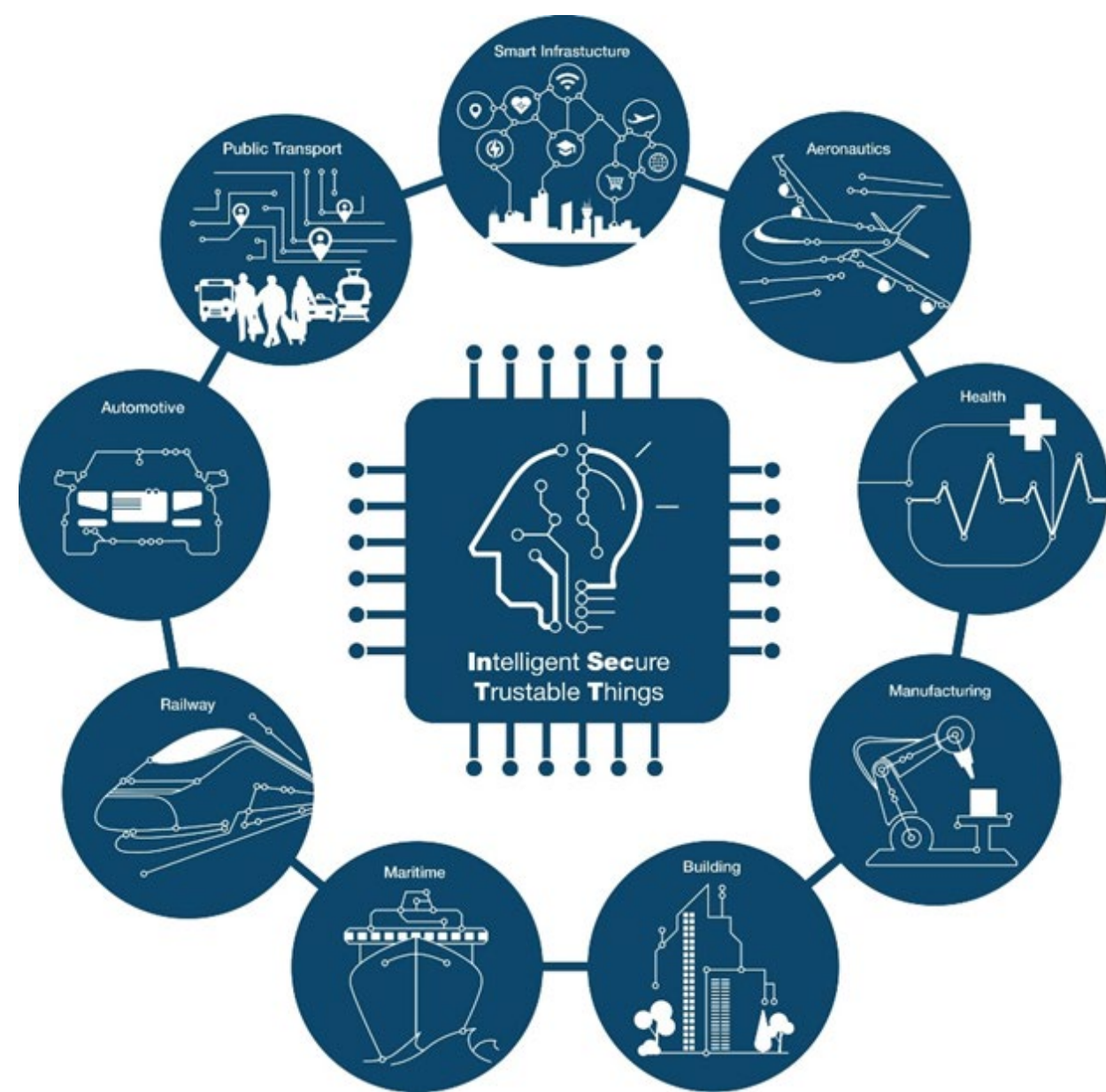
Intelligent Secure Trustable Things

Artificial Intelligence of Things (AIoT) is the natural evolution for both Artificial Intelligence (AI) and Internet of Things (IoT) because they are mutually beneficial. AI increases the value of the IoT through machine learning by transforming the data into useful information, while the IoT increases the value of AI through connectivity and data exchange.

InSecTT aims at creating trust in AI-based intelligent systems and solutions as a major part of the AIoT, i.e. moving AI to the edge and making AI and ML based systems trustable, explainable and not just a black box. InSecTT will foster cooperation between big industrial players from various domains, a number of highly innovative SMEs distributed all over Europa and cutting-edge research organizations and university. The project features a big variety of industry-driven use cases embedded into various application domains, i.e. smart infrastructure, building, manufacturing, automotive, aeronautics, railway, urban public transport, maritime as well as health.

The demonstration of InSecTT solutions in well-known real-world environments like trains, ports, airports and the health sector will generate huge impact on both high and broad level, going from citizens up to European stakeholders. It will establish the EU as a center of intelligent, secure and trustworthy systems for industrial applications enabled by a strong industry with a strong reputation and an informed society, in order to enable products and services based on AI compliant to European values and "Made in Europe".

InSecTT - Facts

InSecTT (Intelligent Secure Trustable Things) is a pan-European project with 52 key partners from 12 countries (EU and Turkey).
With a budget of over 40 million Euro distributed over 3 years, it is Europe's largest joint effort on Artificial Intelligence of Things. InSecTT is being coordinated by VIRTUAL VEHICLE.

❑ Intelligent processing of data applications at the edge

❑ Industrial-grade secure, safe and reliable solutions

❑ Increase trust for user acceptance

❑ Bringing Internet of Things and Artificial Intelligence together

❑ Re-usable solutions across industrial domains