

CRA IoT Hackathon in Liberec produces world innovation



Prague, 16 April 2018 – České Radiokomunikace (CRA) in collaboration with the Liberec Business Incubator (Lipo.ink) and the Liberec Region organised the latest CRA IoT Hackathon on Friday 13 April 2018. The contest involved a number of fascinating projects. Liberec company Hardwario's team project won, taking away 15 000 CZK. The team came up with a way of transmitting an image through a LoRaWAN network. It was an image from a thermal sensor – a thermal camera. The data could be used, e.g. for security of a site, or for camera trap recognition. **29 competitors took part in the event.**

Every hackathon involves unique projects. Besides transmitting an image through a LoRaWAN network, the panel also liked the project for checking water tank levels for providing water to cattle in pastures by Foxon company from Liberec. This project finished in second place. In third place there was a team of students from Plzeň. They designed a smart bus stop which transmits data from the timetable and information on the stop surroundings to passengers' mobiles.

CRA IoT Hackathon is a competition for developers and development companies, students and modern technology enthusiasts who are given the task of constructing a working prototype of a piece of equipment which will communicate through a LoRaWAN network.

CRA joined forces with the Liberec Region and Lipo.ink, which focuses on supporting future, start-up and established entrepreneurs in developing innovative projects, for the Liberec CRA Hackathon.

CRA has been organising IoT Hackathons since 2016. They offer the space for direct contact with new technologies, data and means within the Internet of Things. Hackathon participants have hardware available to them which they can use to build their working equipment. You need your own computer with you to configure your equipment and put it into operation. Competitors can also use their own hardware or prototype of their own equipment. It is essential, however, that the equipment is fully compatible with the LoRaWAN network available during the competition, and the objective is to put the equipment into operation through this network. CRA Application Engineers and other mentors are available throughout the day of the competition.

České Radiokomunikace a.s. (CRA) is a leader in providing digital infrastructure. Besides broadcasting services, the company focuses on bringing together the worlds of television, radio and the internet. It operates its own data centres and provides its customers with cutting edge computing power. CRA has its own optical core network and its powerful broadcasting infrastructure means it can also offer customers wireless solutions and the connection of nearby locations through optical fibres.

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