


## Competence Centre ELIKO

	<p>Indrek Ruiso CEO of ELIKO</p>
<p><b>Contacts</b></p>	<p>Mäealuse 2/1, Tallinn, Estonia Phone: +372 65 99 881 e-mail: <a href="mailto:info@eliko.ee">info@eliko.ee</a> <a href="https://www.eliko.ee">https://www.eliko.ee</a></p>
<p><b>General profile</b></p>	<p>Eliko is an embedded electronics and software company dedicated to building a smarter world. We create future-proof products and services that are built to last in the fast-changing Internet of Things (IoT).</p> <p>Since 2004, Eliko has been one of the most trusted names in applied R&amp;D for the Estonian IT and electronics industry. Founded by the Tallinn University of Technology and nine software and hardware companies, Eliko's mission is to design innovative and efficient embedded systems to improve the quality of life of people around the world. Our clients are both Estonian and international companies, from start-ups to large corporations.</p>
<p><b>Main research areas</b></p>	<p>Eliko has two distinct focus areas:</p> <ol style="list-style-type: none"> <li>1) Sensing and Signal Processing for IoT aims to create and develop algorithms that are suitable for compact and energy efficient electronic devices, for example disposable point-of-care medical devices.</li> <li>2) IoT Infrastructures, Applications and Services focuses on creating software and communication solutions that could significantly simplify data transmission in the future IoT environment. Moreover, Eliko will also pilot new IoT services in the urban environment including smart traffic and environmental monitoring solutions.</li> </ol>
<p><b>Partners</b></p>	<p>Eliko's Competence Centre programme has a total of 19 partner companies in Estonia with specific needs in product development. Our partners are both large software companies as well as ambitious start-ups. Moreover, Eliko partners with two hospitals, which help us develop and test innovative healthcare applications.</p>
<p><b>Additional information</b></p>	<p>What We Do</p> <p><b>PRODUCTS</b></p> <ul style="list-style-type: none"> <li>• Quadra Impedance Spectroscopy visualises previously invisible processes to improve quality and accuracy in industrial and medical applications.</li> <li>• KIO RTLS precise indoor positioning system accurately locates anything or anyone indoors to save time, save money and improve quality control.</li> </ul>

	<ul style="list-style-type: none"><li>• Inertial Motion Sensing platform for building professional motion capture applications in sports, rehabilitation and industry.</li></ul> <p><b>SERVICES</b></p> <ul style="list-style-type: none"><li>• Impedance Measurement</li><li>• Inertial Motion Capture</li><li>• Ultra Wideband Positioning</li></ul>
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