

The VTT logo consists of the letters 'VTT' in a bold, white, sans-serif font, centered within a solid orange square. The background of the entire page is a deep blue color.

**VTT**

VTT drives health innovation through technology  
excellence

# Health & wellness

**beyond the obvious**

The bottom half of the page features a large, abstract geometric composition. It is divided into several distinct shapes: a large orange trapezoid on the left, a light gray triangle at the top center, a dark blue trapezoid on the right, and a light gray curved shape at the bottom right. The bottom edge of the composition is defined by a dark blue curved line that meets the light gray shape.



VTT drives health innovation through technology excellence - combined with a deep understanding of the healthcare domain. We help our customers develop better products, services and processes for better health and wellbeing. The results can be seen as improvements in quality, accessibility and cost-efficiency of health services.

**VTT** focuses on solving key challenges in strategic health technology areas.

- **Preventive health support**
- **Predictive diagnostics and care**
- **Process modelling and optimisation**
- **Prospective studies and foresight**

#### **Preventive health support**

Our aim is to reduce premature mortality and the tremendous costs associated with especially life-style related diseases. We do this by providing people with tools and mindset to make the right lifestyle choices at the right moment. This is highly relevant for healthy aging and independent living as well. VTT's expertise covers wearable sensors, health data analysis during daily living, behaviour change technologies and service design.

## Predictive diagnostics and care

Increased knowledge of disease mechanisms, medication effectiveness, treatment options and health risk profiling at individual level are urgently needed to improve the efficiency of health care. Success is built on two components. Firstly, VTT's excellence in AI, healthcare decision support systems, diagnostic tools, knowledge of data architectures and infrastructures, and computational and robotic technologies. Secondly, strong networks with health data providers, healthcare professionals, medical device and pharma industry.

## Process modelling and optimisation

Resource-limited healthcare systems struggle with increasing demand and limited resources. VTT provides unique solutions to model and make understandable complex continued-

care pathways (including home and hospital) to allow for objective and evidence-based decision making for resource optimisation. These are combined with proven methods for policy makers that can predict impact of digital healthcare solutions.

## Prospective studies and foresight

VTT's Foresight is a knowledge-creating service to anticipate, recommend and transform future societal and business environments in the next 5, 10 and up to 50 years. Foresight will help you to orient your strategy, design future-driven policies and make smart investments. We have a long track record of delivering hundreds of successful foresight projects in Finland, Europe, Africa, Asia, Australia and North and South America. Business leaders, governmental decision-makers and investors trust VTT as a reliable and impartial partner. ●





# VTT

VTT is a visionary research, development and innovation partner. We drive sustainable growth and tackle the biggest global challenges of our time and turn them into growth opportunities. We go beyond the obvious to help the society and companies to grow through technological innovations. VTT is at the sweet spot where innovation and business come together.

**Get in touch with us:**

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**beyond the obvious**