

Making innovation work around the world

with over **1,100** employees

Turning ideas into **innovations** for Philips and selected external customers in



Healthcare >



High-tech >



Semiconductors >

1,395
Customer projects



Active in **25** countries



With an NPS of **71**



A selection of our innovation highlights

Measuring latency of IGT systems



Challenge: the lower the latency in Image Guided Therapy systems, the better physicians can coordinate during complicated clinical procedures.

Solution: a tool to measure the latency between the emission of an X-ray pulse and the display on screen. Tests now only take 10 minutes, instead of 2 days; a 99.7% decrease.

"A truly collaborative effort. We are extremely pleased with the results and have integrated the tool into our continuous quality measurements."

Monitoring patients at home



Challenge: when monitoring patients at home, patients can recover from surgery, while costs of care decrease. To enable this, an easy-to-use and connected biosensor, without compromising reliability, is developed.

Solution: supported end-to-end development, including product development, verification & validation and industrialization. The wearable is now in use on a large scale, transmitting vital signs of patients at home to a clinical information system every 5 minutes.

"Engineering Solutions made this concept work, by supporting us end-to-end, from design to manufacturing."

Engineering the inhaler of the future



Challenge: when patients use an inhaler, only 15% of drug particles reach the right parts of the lungs. Innovative 'soft mist' technology can overcome this, by dispersing droplets efficiently.

Solution: prototype development, including documentation necessary for legislative authorities. Identified risks and design improvements with failure mode and effects analysis.

"Philips Engineering Solutions offered a one-stop-shop for our full development trajectory."

Contributing to our ambitions



2.5
Billion lives improved
per year by 2030



100%
Carbon neutral
in operations



1 in 7
Philips employees
work in R&D



#1
In medical
technology
patents