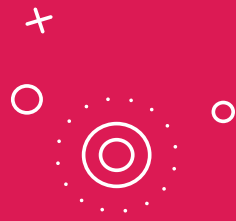




Mindtree

A Larsen & Toubro Group Company

Case Study:
IoT Enablement for
Hearing Aid



Welcome to possible

■ CLIENT

A hearing aid manufacturer based in Denmark, the client has a history of serving its customers for over a century. With branches in several countries as well as production plants, they currently employ more than 3,000 employees worldwide. They also pioneered the world's first internet-connected hearing aid.

■ CHALLENGE

The client wanted Mindtree to create a companion app for their hearing aid, which required IoT enablement as a basic feature. This had to be set up remotely by audiologists. Moreover, it also required IFTTT integration for user-driven recipes, and the environment data analytics also had to suggest mode changes, depending on the surrounding context.

■ SOLUTION

Mindtree developed a solution that integrates with the hearing aid via Bluetooth. Here, the phone acts as a gateway to enable internet connectivity. Machine data analytics were enabled for audio, and settings data from the device combined with the phone data to suggest the most optimal settings. Moreover, we also integrated IFTTT into the cloud environment.

■ BENEFITS

By providing IoT Enablement for Hearing Aid, Mindtree delivered the following benefits:



Improved usability for users while allowing them to maintain discretion



Facilitated better interaction with other smart devices



Constant product evolution with PoC and pilot driven approach



Removed the requirement of changing devices if internet connectivity had to be accessed



■ ABOUT MINDTREE

Mindtree [NSE: MINDTREE] is a global technology consulting and services company, helping enterprises marry scale with agility to achieve competitive advantage. "Born digital," in 1999 and now a Larsen & Toubro Group Company, Mindtree applies its deep domain knowledge to 275+ enterprise client engagements to break down silos, make sense of digital complexity and bring new initiatives to market faster. We enable IT to move at the speed of business, leveraging emerging technologies and the efficiencies of Continuous Delivery to spur business innovation. Operating in more than 15 countries across the world, we're consistently regarded as one of the best places to work, embodied every day by our winning culture made up of over 22,000 entrepreneurial, collaborative and dedicated "Mindtree Minds."