

Case Study

Firmware Enhancement

Background

ReliSource worked with a leading US client to enhance firmware of an 8/16 bit temperature monitoring device.

Features

- Add new functionalities, change workflows
- Add support for reliable testing & extensive debugging
- Ensure compatibility for other systems & devices etc.
- Make the application fail-safe
- Add extensive recovery functionalities
- Optimize memory & RAM usage
- Optimize power consumption

Our Value Adds for the Client



Power was optimized to **Micro-Watt** level



Application was made **Fail-Safe**



Memory & RAM were optimized for **minimum size & maximum speed**



Added **extensive recovery functionalities**

