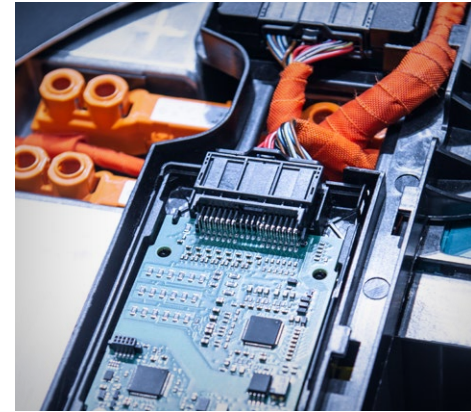




CUSTOMER STORIES

PRODUCTION PROTOCOLS THREATEN THE SUCCESS OF A MANUFACTURER'S HV BATTERY MANAGEMENT SYSTEM



Our engineers view every aspect of performance as “our job” until a satisfactory result is achieved.

CHALLENGE

Unforeseen delays in the sequential processing of components and unexpected materials interactions during soldering process resulted in OEM deficiencies, threatening a time-sensitive product launch for our Chinese partner.

SOLUTION

Intensive investigations by the Isabellenhütte team extended beyond our formal responsibilities as a supplier to understand the impact of our client's manufacturing timeline and their re-flow soldering process. In the first instance, we helped them shorten the gap time between PCB soldering and bus-bar mounting and better control mounting torque. In the second instance, we recommended new soldering profiles and researched new Sn plating types to address various OEM requirements.

APPLICATION

High-voltage Battery Management System (OEM)