

SUCCESS STORY

Industrial Applications SIL-2 Safety Compliance

Business Problem

The client engaged CPS TECH for testing their products family that consisted of 15 variants. Initially, this product line was certified for EN 954-1 standard. However, as per the updated guidelines from the European Union's Machinery Directive, all the variants needed to comply with EN 13849. Therefore, the primary challenge for CPS TECH team was to meet the certification requirements of the new standard for all the variants within a limited timeline

Implemented Solution

CPS TECH team validated all the products by listing down all the features and dividing them into small packages. We then prioritized these features such that common safety and non-safety features in the baseline were verified with the highest priority and then unique safety and non-safety features were validated.

Business Results

- An extension of their target market
- Increased safety for their products
- Improved sales



Client

Our customer is a leading manufacturer of remote control products and provider of aftermarket services for mining, commercial, railroad, and other industrial markets. They have operations in South Africa, Brazil, Canada, and Europe. They are supported by an extensive sales and distribution network throughout north and South America, Asia, Africa, and Australia.