

Customer Success Story



- The customer works with multiple vendors who submits the Material Test Reports (MTRs) in their respective formats for different types of materials they supply. The quality inspectors validates these test reports against their own technical specifications, which would take around 25 to 30 minutes. The challenge is to have an assistive solution to reduce manual time and human errors.
- The MTR validation tool supported to reduce the dependencies on individual human knowledge, and provided consistent quality output by improving productivity as MTR validation was high volume and repetitive job across different client facilities.
- Application enabled end users to quickly validate and verify the MTR documents uploaded by the vendor against the specification requirements documents provided by the client.
- The specification document parsing mechanism was enabled by AiKno®, which avoided the creation and maintenance of a static database.
- Leveraged our ability to handle documents of various complexities and formats using AI technologies by training the cognitive pipeline with variations of MTRs from different vendors and locations. This in turn helped to minimize human efforts in the verification process.

Win Results

- **1.5 million USD savings to customer**
- **Fast turnaround to its stock**
- **Inspection time reduced from 20min to 5min**

Business Value Delivered

- **Customized Specifications types** = 150
- **Unique vendors mapped to these Specifications** = 190
- **Achieved time taken for quality inspection** = ~5
- **Total users** = 75
- **Tool usage locations** = 5