

The Challenge

- To make high confidence predictions of defects and part life of 3D-printed parts, a global industrial manufacturing company asked Ezassi to identify and evaluate emerging detection technologies and AI/ML techniques to collect and interpret data.

Our Approach

- Ezassi utilized our proprietary Technology Discovery platform, supplemented with secondary research and direct consultations with technical subject matter experts and key players in each emerging technology ecosystem to complete the project within 4 weeks.

Our Results

- Deconstructed the client challenge into 10 components and delivered a comprehensive landscape of relevant technology solutions mapped to each component.
- Assessed and proposed tailored solutions to address specific challenges and deliver comprehensive system implementations.
- Conducted vetting conversations with solution-providing organizations to facilitate warm introductions with Ezassi's client.

Client Impact

- Challenge deconstruction and solution map enabled a comprehensive approach to implementation.
- Client immediately connected with partners identified by Ezassi.
- With the knowledge gained from Ezassi's work, the client engaged these partners to further explore detection technologies and techniques for analyzing data in additive manufacturing quality control.

“The speed and quality of SME engagement was very impactful and something our internal support resources cannot do.”

-Client Project Sponsor

