

# Qmerit's AI Model, Panel Insights™: Key Questions & Answers

## Is this application of AI truly new and distinct to the marketplace, and why?

### Integration of Domain-Specific Knowledge

While there are indeed existing computer vision models proficient in object detection and attribute understanding, none are specifically trained to detect rich levels of insights as Qmerit's Panel Insights™. It leverages industry-specific knowledge to provide domain-specific inference intelligence. We call this the LoadCRE™ – Load Capacity Recommendation Engine. This enriched context allows for more accurate and nuanced insights tailored to the unique demands of the electrification industry.

### Proprietary Data and Load Calculation-Based Recommendation

Qmerit's years of industry experience have resulted in a wealth of proprietary data regarding panel images and installation outcomes. Utilizing this unique dataset enables the creation of a highly specialized AI model that is finely tuned to the requirements of the electrification industry.

### Consumer and Electrician Experience

The primary goal of Panel Insights is to streamline and improve the journey for both consumers and electricians. Incorporating the insights from the Panel AI, Qmerit can streamline the information required from the consumers to provide an accurate estimate faster, while ensuring the safety of the install by making the best practices easier to adopt by the electricians. These actions remove friction points in the process, it contributes to elevating industry standards, facilitating smoother transactions, and improving overall satisfaction and efficiency.

### Targeted Solution

It provides a targeted solution that addresses specific pain points in the consumer and electrician journey, aiming for more streamlined and efficient outcomes.

## What are the specific insights from your use of AI that could have value to other CTOs and CIOs, regardless of sector?

### Key Insights

1. Leveraging domain expertise significantly enhances the effectiveness of AI models.
2. Utilizing proprietary data can refine and specialize AI models, enabling more precise and meaningful outcomes.
3. The application of AI should ultimately aim to enhance user experiences, remove friction, and add value to the end-users.

---

To learn more visit  
[Qmerit.com](https://qmerit.com)