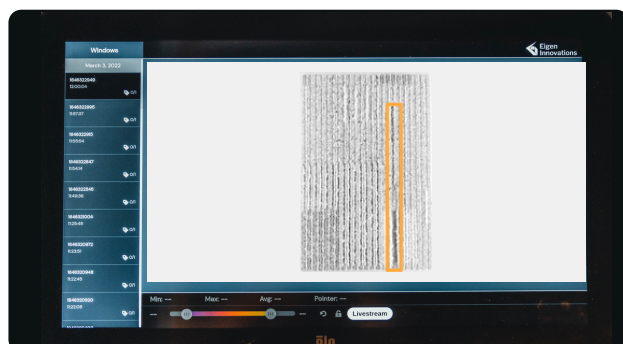


## See it

→ Catching defects like missed ends and bad mends is difficult. Human inspection at the tufter or the tile line means only catching major defects and a fraction of the minor ones. You need an extra set of eyes to spot the yarn breaks and improper stitching. Our machine vision solution uses specialized illumination and image processing to improve the visibility of a variety of common defects. It provides a high degree of detection accuracy, reducing the reliance on your busy operators.



Our solution can detect common defects with 99% accuracy. Here a missed mend is displayed on a screen installed on the line.



Additional data sources can be integrated into our software and correlated with inspection images. Correlated data powers analytics and insights help you identify root cause and pave the way for defect prevention.

## Solve it

→ With highly accurate detection at your tufter and tile lines, you can start to focus on other areas for improvement. You can start collecting machine or process data that can be correlated with the inspection images. Additional sensors may be added to identify other quality issues such as color issues, bad yarn or coating weight and thickness issues..

## Scale it

→ Producing high-quality carpet is a multi-step process and problems can arise in various places. We built our solution knowing that the machines you use and the challenges you face may not be consistent from machine to machine. While the sensors and hardware configuration and data collected may vary, the monitoring, inspection, analytics and insights are repeatable.



Highly accurate machine vision allows you to catch more defects and reduce downtime across all your lines.



**Ready to get started?**

Tell us about your issue and send us a few samples. We'll show you how we can help.

Drop us a line at [info@eigen.io](mailto:info@eigen.io) or visit [eigen.io](http://eigen.io).