

Case Study: Semiconductor Assembly & Test

- **Purpose/Scope:**

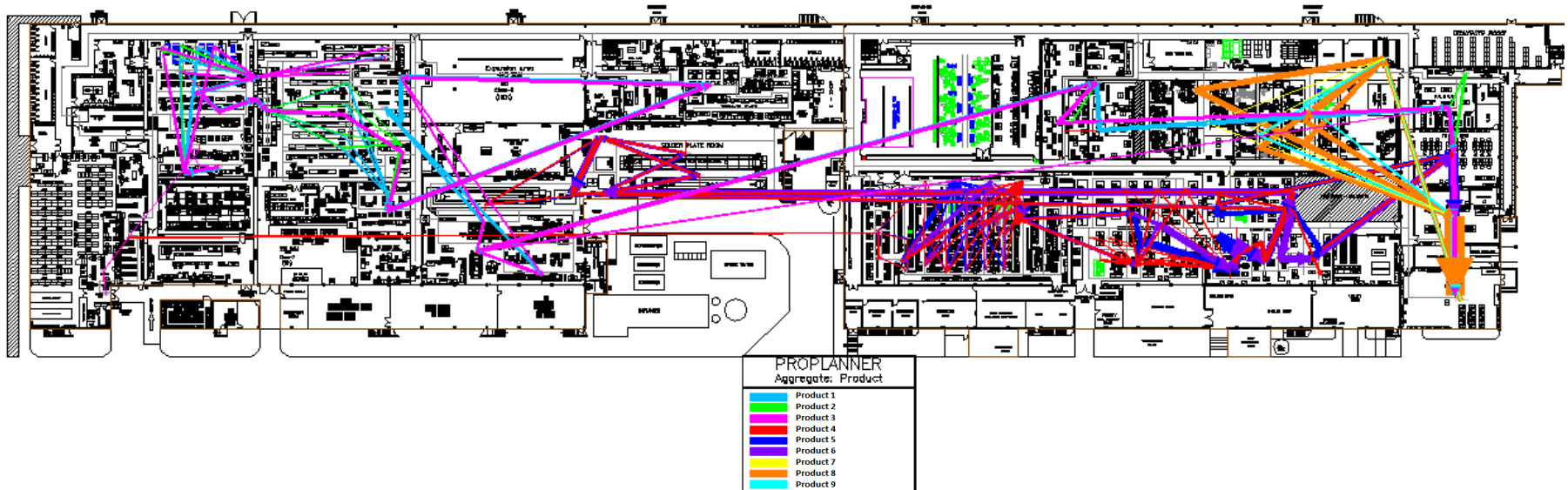
- Visualize and Measure current material flow
- Recommend relayout changes to smooth flow & reduce distance traveled

- **Results:**

- In 1 week:

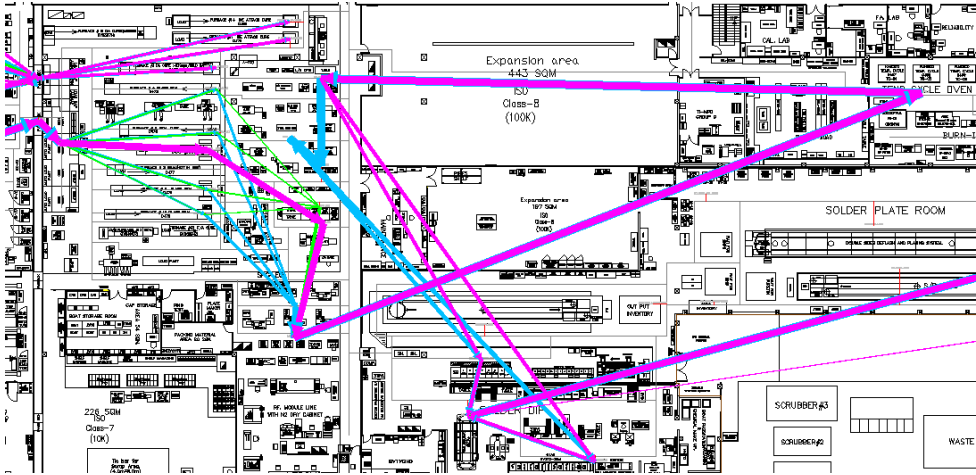
- Material flow for the top 9 products were documented, modeled, and analyzed.
- 3 relayout changes were created.
- New layout reduced annual flow by **2.8 million meters / 3.1 million yards**

BEFORE

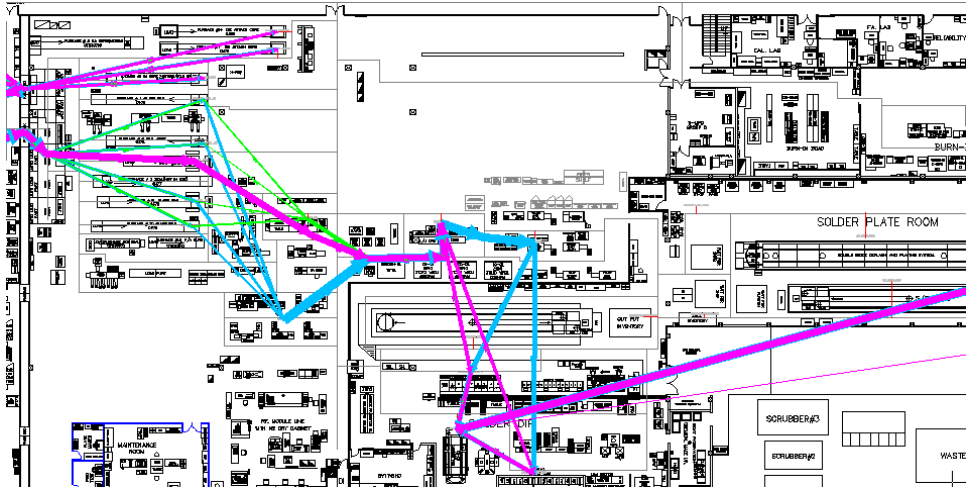


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BEFORE

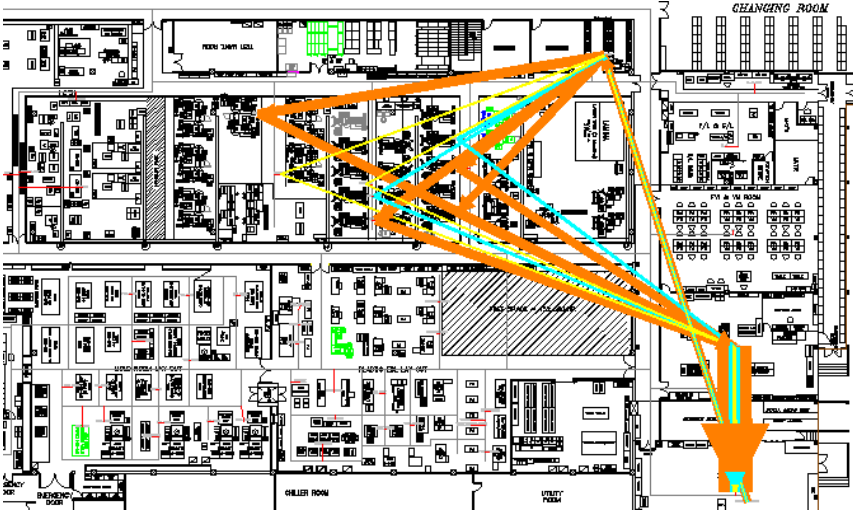


AFTER



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BEFORE

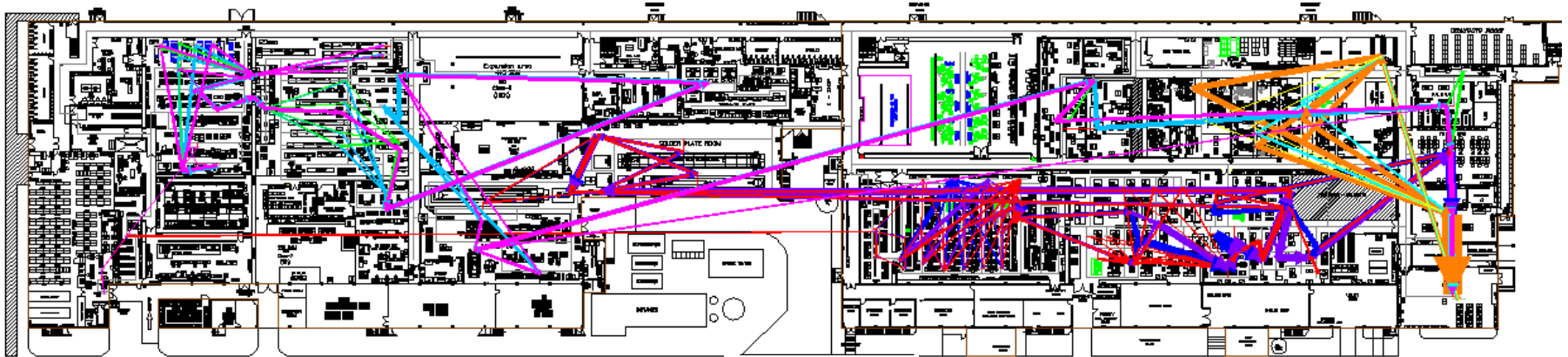


AFTER



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BEFORE



AFTER



1 week of modern industrial engineering analysis = 2.8 million meters / 3.1 million yards saved per year