1. **Industry Proven Technology**

- PADS Professional is reliable and proven, providing cutting-edge technology based on the powerful Xpedition Infrastructure.
- Best-in-class companies are 82% more likely to utilize a process where ECAD and MCAD data are incrementally exchanged.

2. **MCAD Collaboration Bridges the Gap Between ECAD and MCAD Domains**

- Sketch routing in PADS Professional and HyperXpedition makes Real Trace routing more efficient.
- Best-in-class companies are 70% more likely to address Electro-Mechanical issues.

3. **Routing Automation Accelerates Product Creation**

- Sketch routing in PADS Professional and HyperXpedition makes real trace routing more efficient.
- Early E-DRC detection speeds up your PCB design verification by 90%.

4. **Electrical DRC Catches Errors and Ensures Product Performance**

- The average total cost of a PCB design is $28.482k.
- The average time to complete a PCB design respin is 16 days.

5. **Rigid-Flex Centric Capabilities Simplify Product Design**

- Rigid-flex can reduce product assembly time by 50%.
- The global demand for the flexible electronics is expected to reach $24.78 billion by 2026.

6. **Analog Mixed-Signal Simulation Optimizes Design Perfection**

- Signal integrity analysis ensures quality, reduces respins, and increases design capacity.
- On average, boards undergo 2.9 respins due to insufficient analysis.

7. **Signal Integrity Analysis is Essential for Electronic Design**

- Signal integrity analysis ensures quality, reduces respins, and increases design capacity.
- There is a big difference between using a tool that handles RF objects and using a tool that really understands RF design.

8. **RF-Centric Design Capabilities Accelerate RF Design**

- Compared to 4G, 5G networks will deliver:
  - 50X more speed
  - 1000X more capacity

9. **DFM Analysis Ensures Avoiding Fabrication Failures**

- Real experts with PADS experience and experience background will help you solve the most challenging questions, access our extensive knowledge base.
- The average total cost of a PCB design is $28.482k.

10. **5-Star Customer Support and Free on-Demand Training**

- MCAD collaboration bridges the gap between ECAD and MCAD domains.
- Best-in-class companies are 82% more likely to utilize a process where ECAD and MCAD data are incrementally exchanged.

**Additional Information**

- **EARLY E-DRC DETECTION**
  - Speeds up your PCB design verification by 90%.
- **RIGID-FLEX CAN REDUCE PRODUCT ASSEMBLY TIME BY 50%**
- **THE GLOBAL DEMAND FOR THE FLEXIBLE ELECTRONICS IS EXPECTED TO REACH $24.78 BILLION BY 2026**
- **SIGNAL INTEGRITY ANALYSISENSURES QUALITY, REDUCES RESPINS, AND INCREASES DESIGN CAPACITY.**
- **THE AVERAGE TOTAL COST OF A PCB DESIGN IS $28.482K.**
- **THE AVERAGE TIME TO COMPLETE A PCB DESIGN RESPIN IS 16 DAYS.**
- **50X 1000X COMPARED TO 4G, 5G NETWORKS WILL DELIVER:**
  - LESS LATENCY
  - MORE SPEED
  - MORE CAPACITY
- **THE AVERAGE TOTAL COST OF A PCB DESIGN IS $28.482K.**
- **THE AVERAGE TIME TO COMPLETE A PCB DESIGN RESPIN IS 16 DAYS.**
- **5-STAR CUSTOMER SUPPORT AND FREE ON-DEMAND TRAINING**