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# 19-2 Robust Manufacturing Test SERV-039 Validation Without CAPEX

## Positioning

Before investing hundreds of thousands of euros in equipment and production infrastructure, validate your process under real manufacturing conditions.

SMT Worldwide's Smart Demo Center enables customers to evaluate technologies, materials, and production strategies with minimal risk. Inspired by the same "Test Before Production" methodology used in our NPI and Demo Center programs. [\[INCORPORAT...ERVICES EN | Word\]](#), [\[INCORPORAT...ERVICES EN | Word\]](#).

## Objective

- Validate technical feasibility
- Reduce investment risk
- Confirm process performance
- Compare technologies
- Accelerate decision making

## Demo Center Testing

- Equipment access
- Engineering support
- Process configuration
- Material testing

## Validation Activities

- Proof of Concept (PoC)
- Prototype manufacturing
- Process capability study
- Reliability assessment
- Production simulation

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## Technical Analysis

- Yield assessment
- Quality evaluation
- Process limitations
- Improvement recommendations

## Methodology

1. Project Definition
2. Success Criteria
3. Test Plan
4. Demo Center Execution
5. Process Evaluation
6. Final Report

## Deliverables

- Validation Report
- Process Data
- Quality Analysis
- Feasibility Assessment
- Investment Recommendations

## Value Added

- No equipment investment required
- Fast validation cycles
- Reduced project risk
- Independent technical recommendations
- Access to advanced manufacturing technologies