



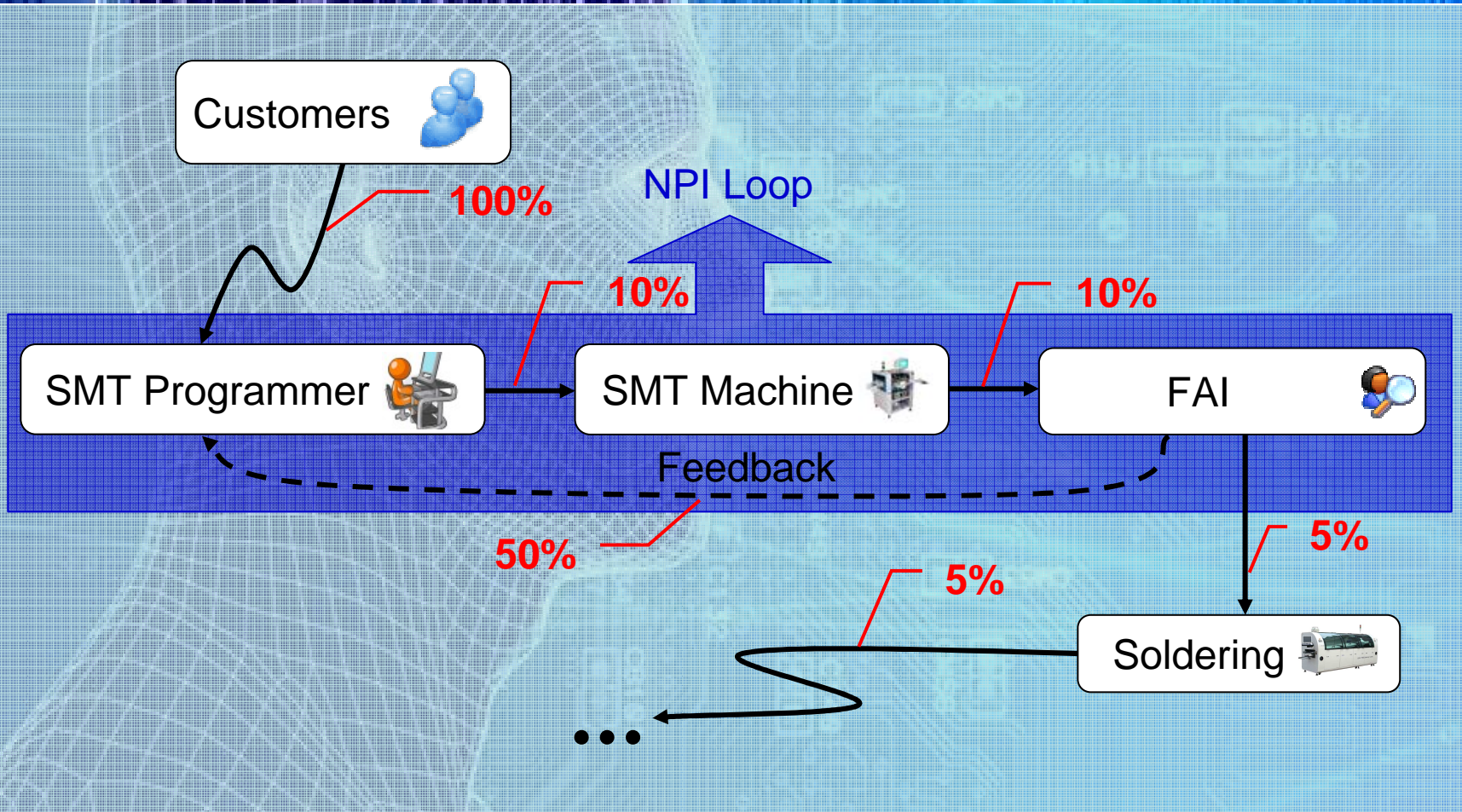
QPlane

Fast and Flawless
Setup Creation

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Technologies Ltd.

SMT Process Difficulties In Flow



SAVINGS

- Wasted time on NPI loop:
 - SMT Machine Time
 - SMT Programmer Time
 - First Article Inspection Time
- SMT Programmer and SMT Inspector become stressed.

Solution

- QPlane finds and helps to eliminate errors in SMT setup by quick tests.
- QPlane generates chart, report and dynamic view of PCB with test result.
- QPlane exports new SMT setup directly to SMT Server.

Focus on Tests

QPlane examines:

- Pin size vs. Pad size
- Pin on Pad symmetric positions
- Keep Out
- Components/Pads on PCB margins

QPlane helps to correct:

- Angles
- X,Y position of component zero point

Functionality

- QPlane does footprint tests based on **SIPlace Pro** component database as Database Part List and an extra information (like shape group, tolerance and etc.).
- QPlane gives an easy way to create an examination profiles (per Customers and etc.).

Also includes ...

- BOM file import with complete examination
- Merging CAD and BOM with a discrepancy report.
- Connection between CAD & BOM to component library and reports of missing components

Why QPlane?

- Quality

- Accuracy
- Detailed validation rules
- Defined user standards



- Time

- Wizard for importing Circuit Boards design file and BOM
- Component Datasheet wizard
- Online simulation
- Creating Setup for SMT



- Simple

- Graphic display
- Friendly interface
- Based on component library

