The evolution of a system integration test process

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HUSTEF
HUNGARIAN SOFTWARE TESTING FORUM

System Integration Testing

A test level that focuses on the interactions between systems.

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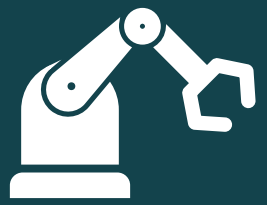
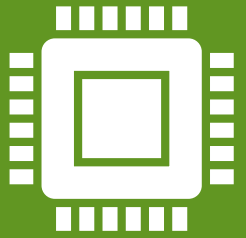


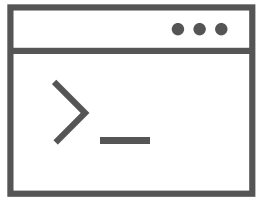
HARDWARE

Electric Motors, AC/DC and AC/AC converters, PLCs, HMIs



FIRMWARE

The system component which realizes the control and regulations on the hardware set by the software



SOFTWARE

The product developed by my teams, which is used by commissioning engineers.

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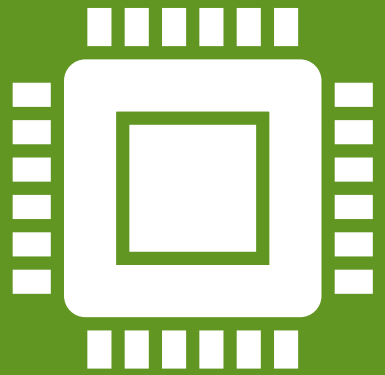
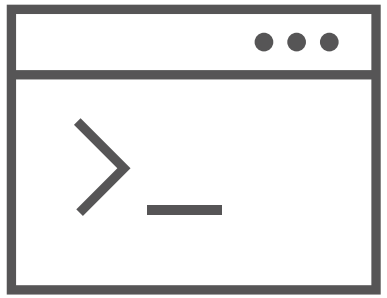
The Example



FIRMWARE



SOFTWARE

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The Process

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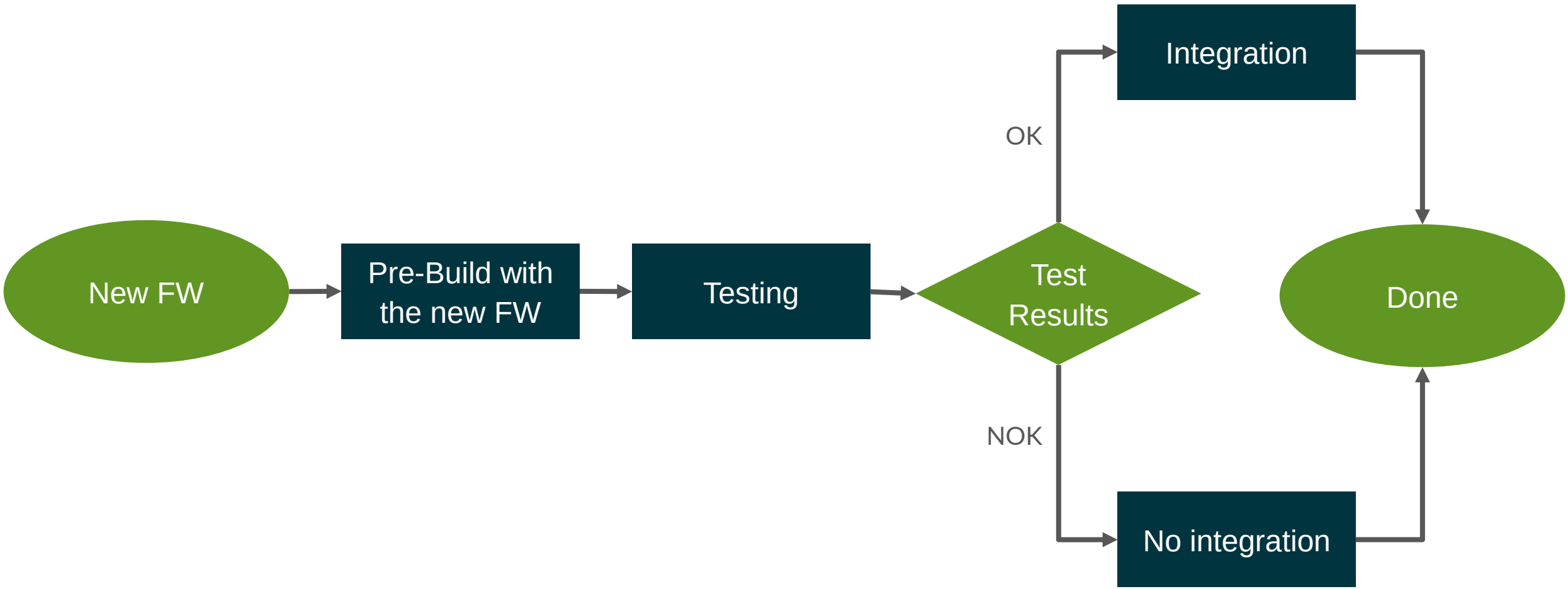
The Process 2.0



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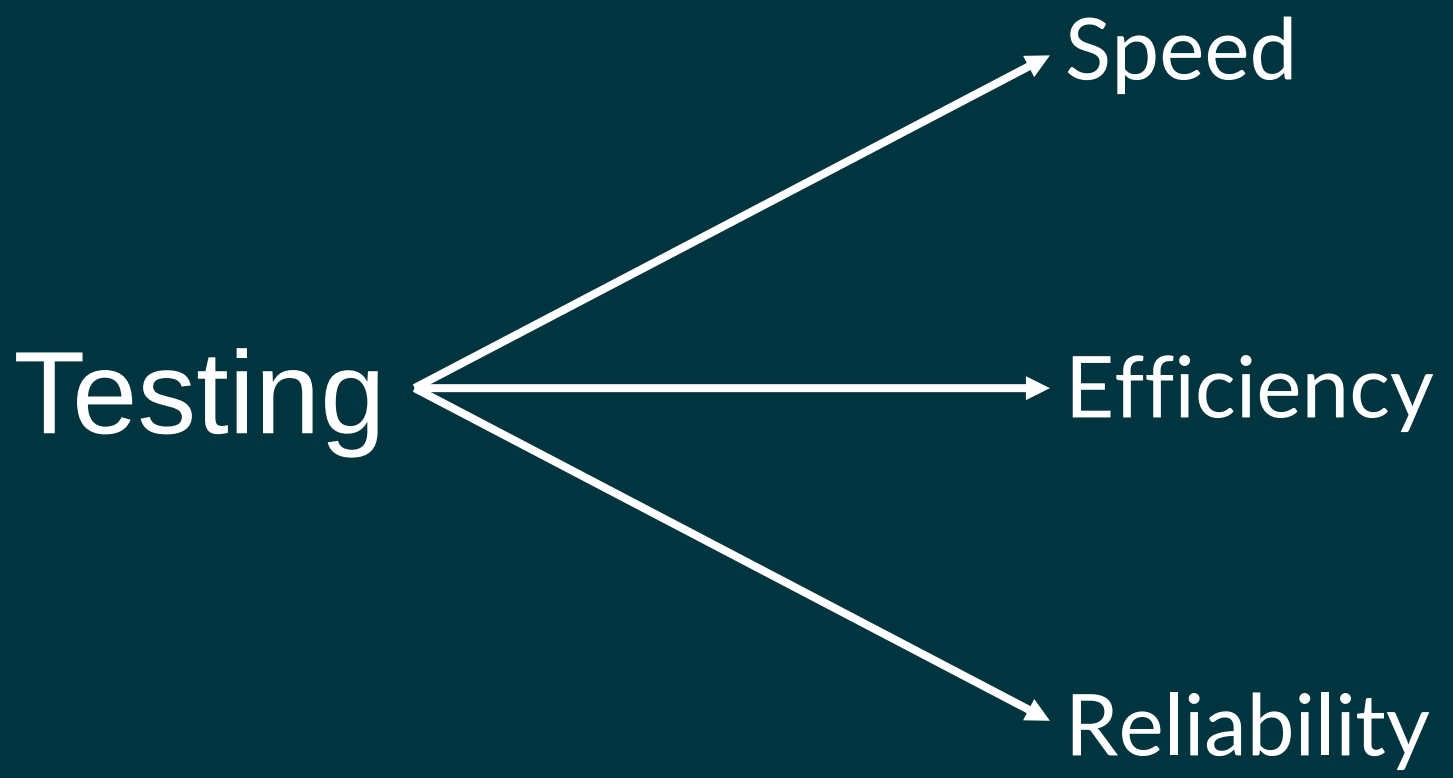

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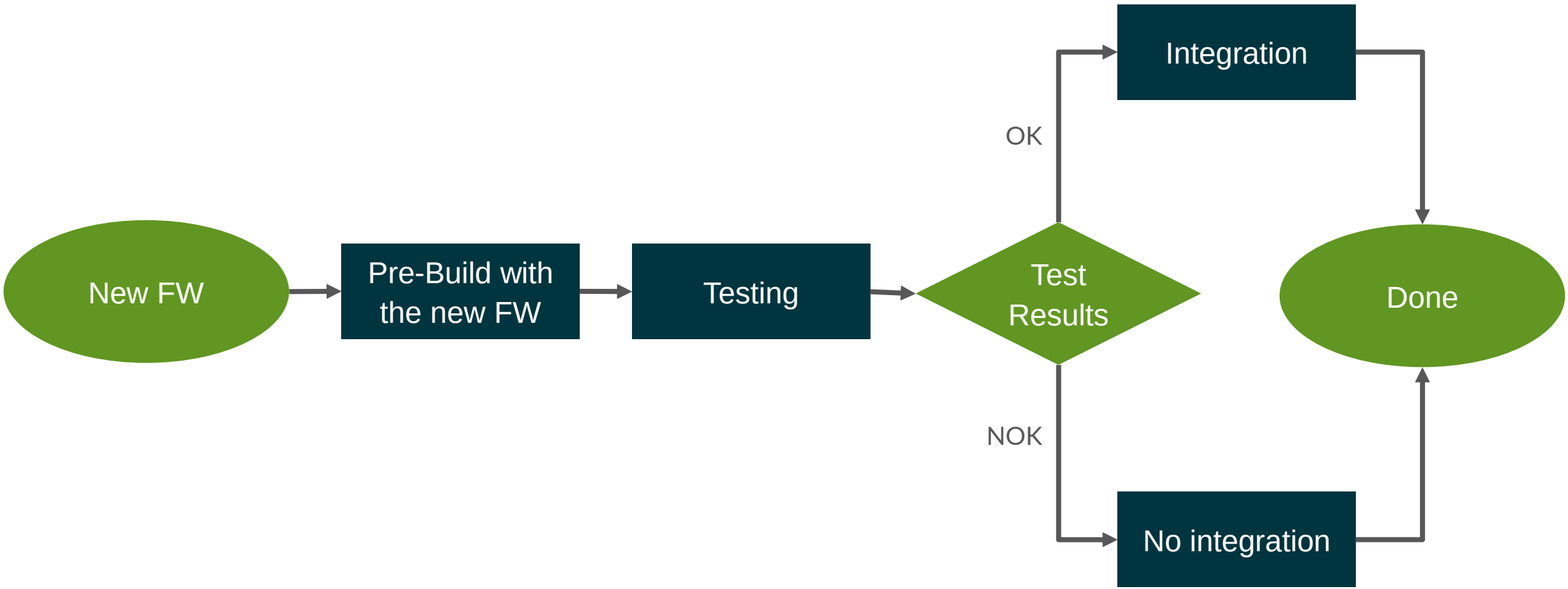
The Process 2.0



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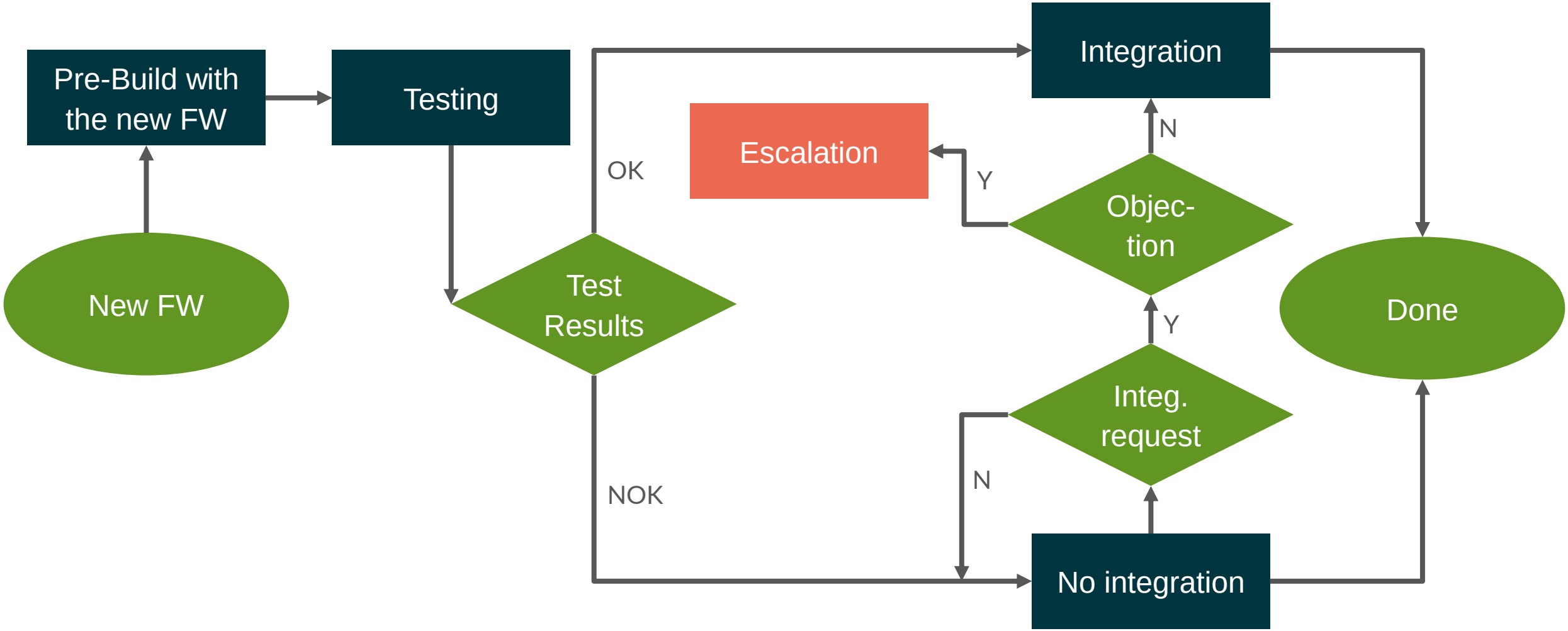
The Process 3.0



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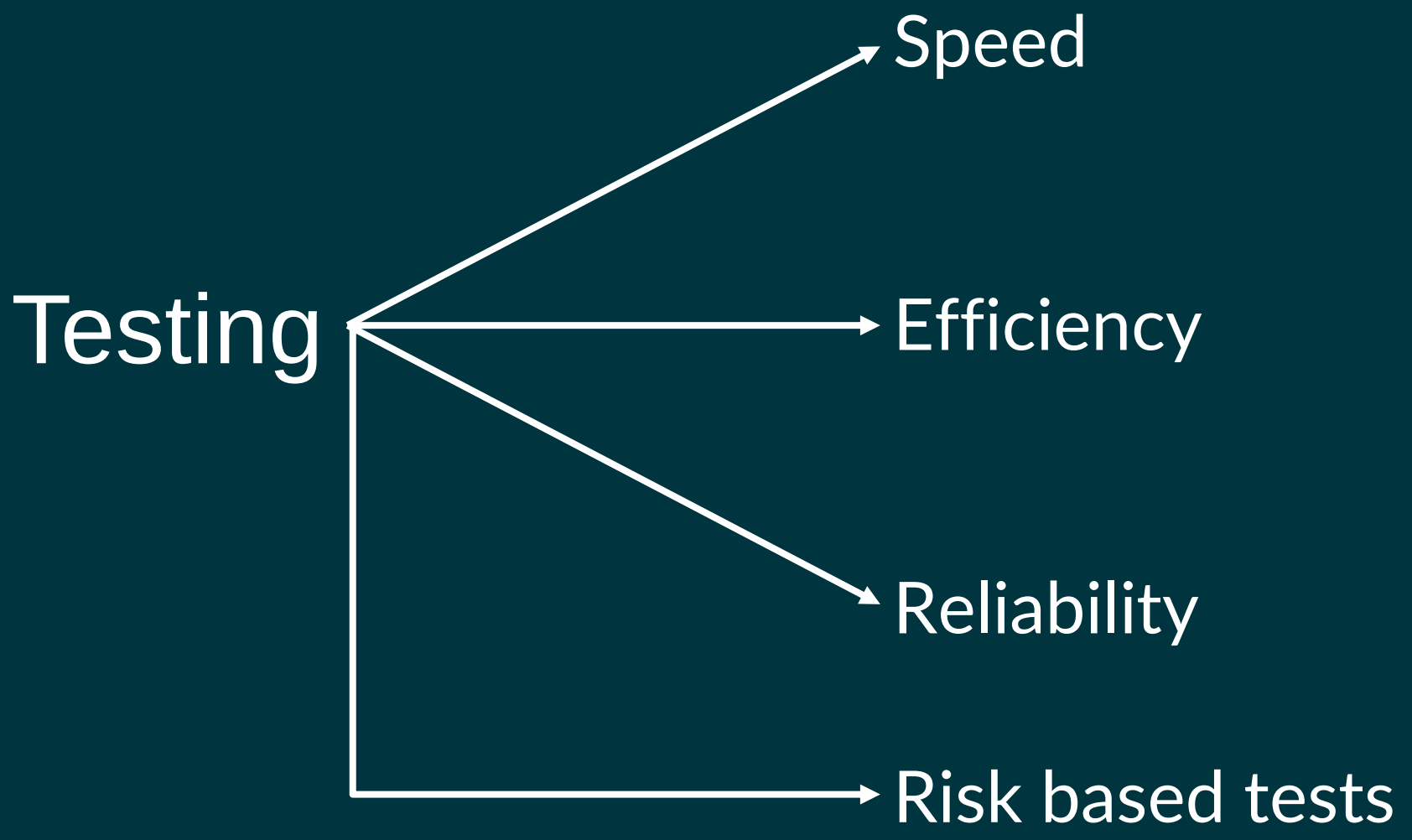

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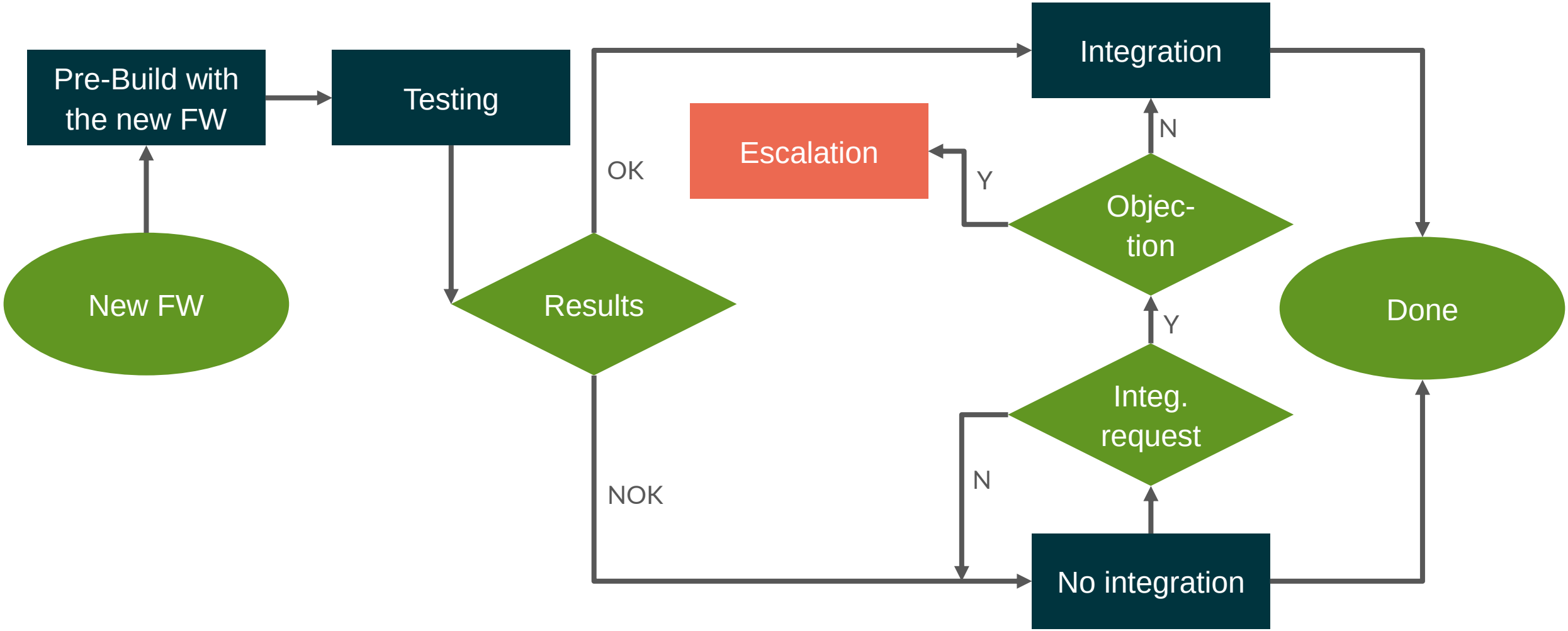
The Process 3.0



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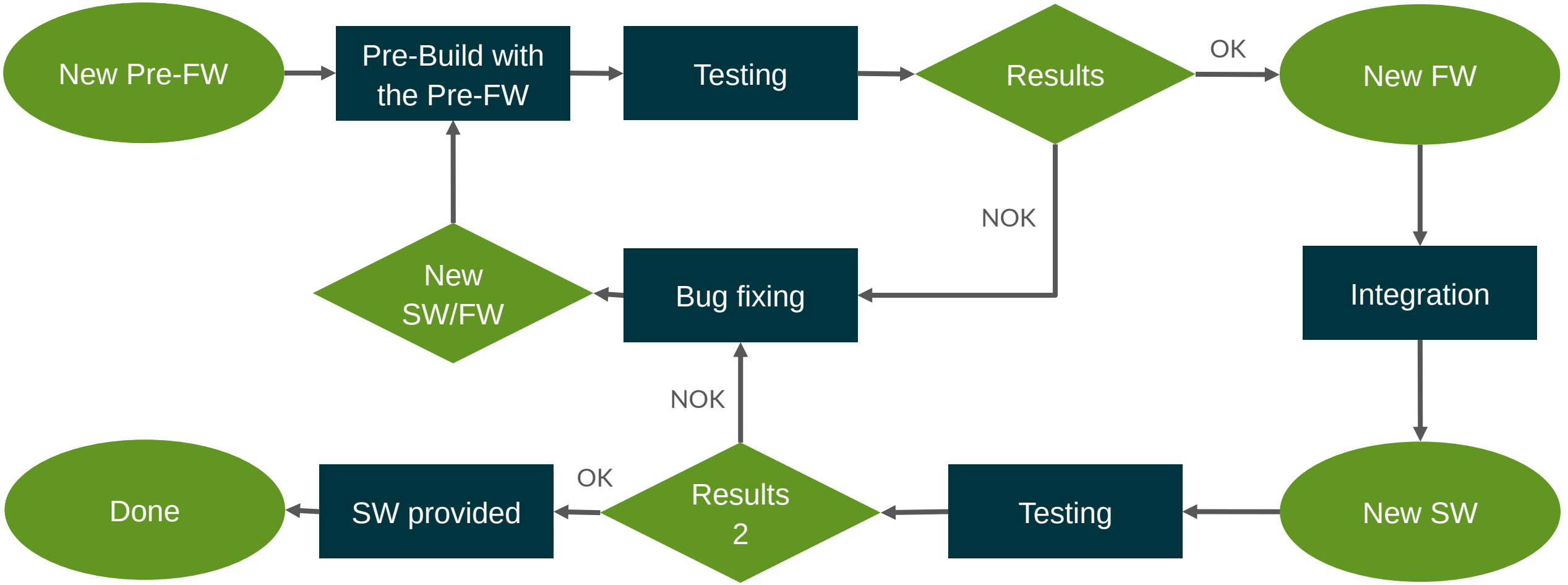
The Process 4.0



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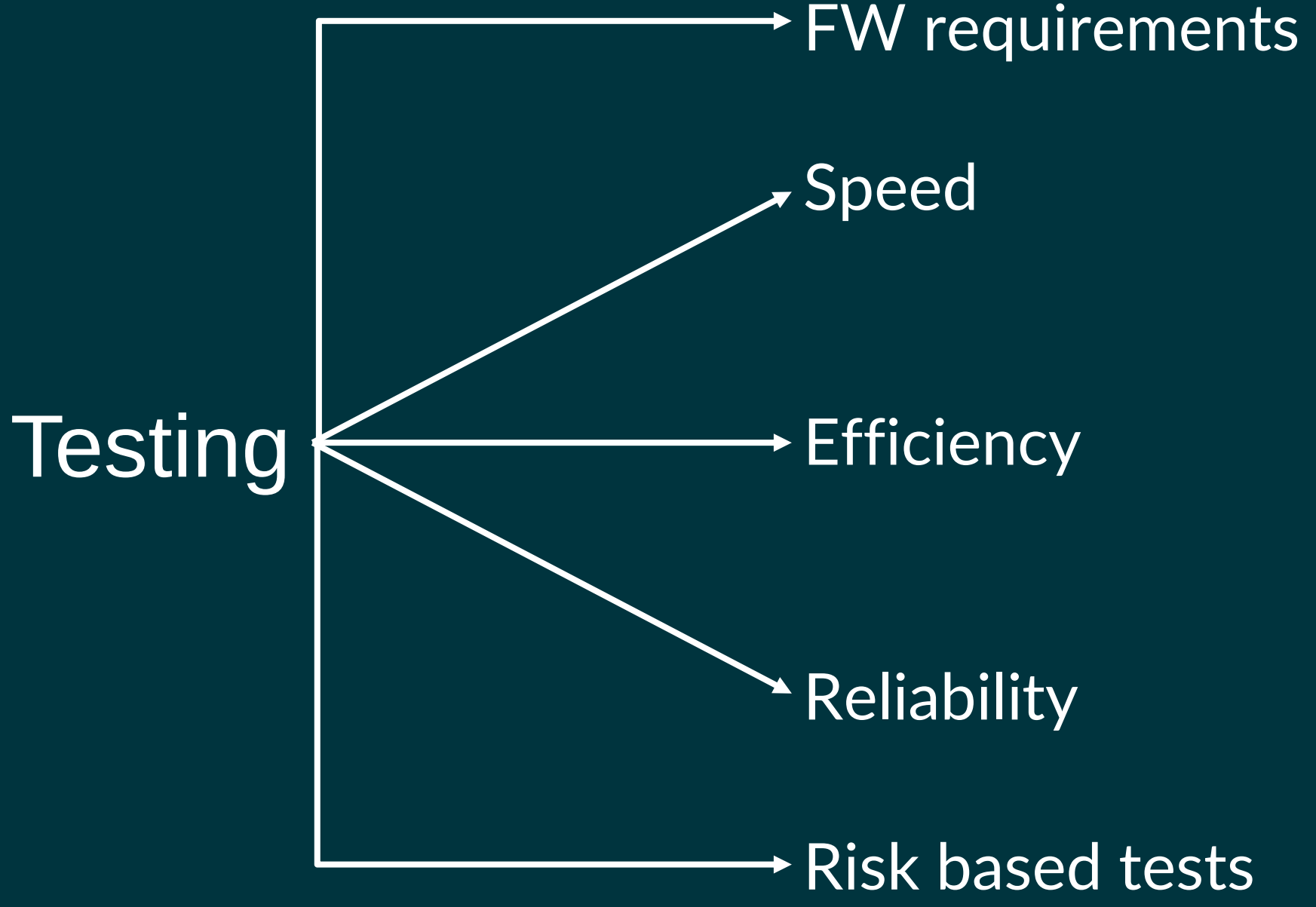

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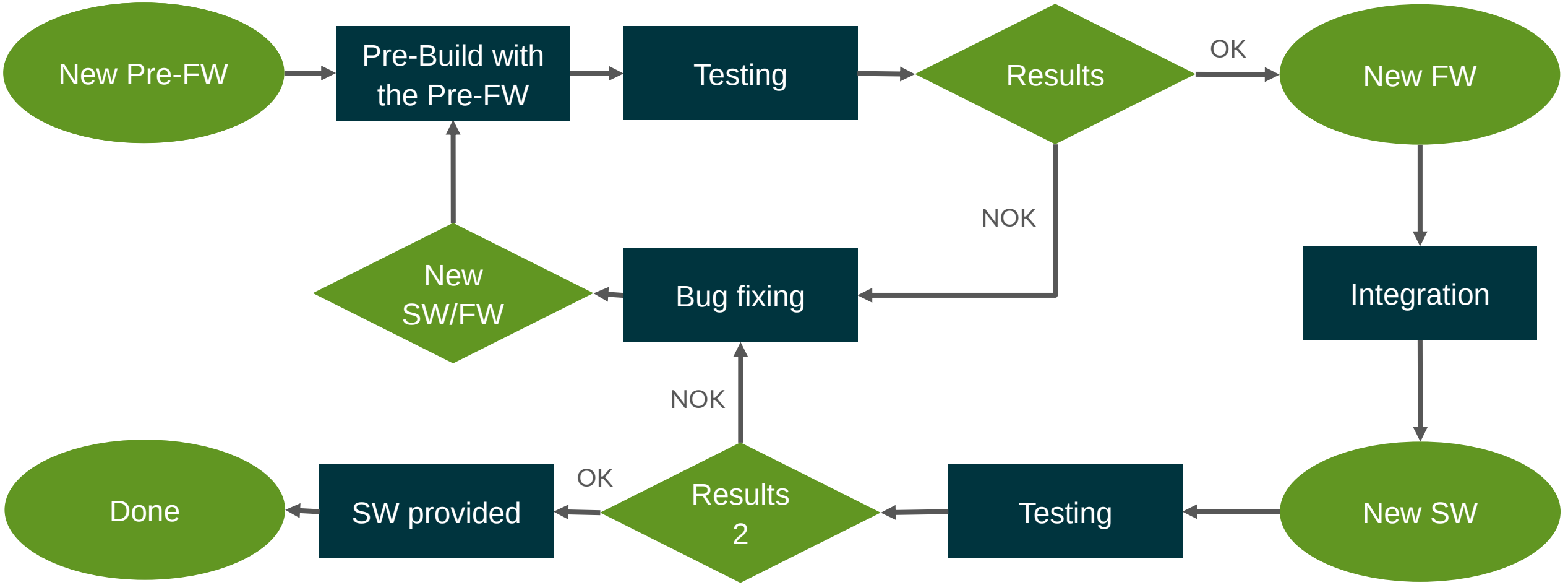
The Process 4.0



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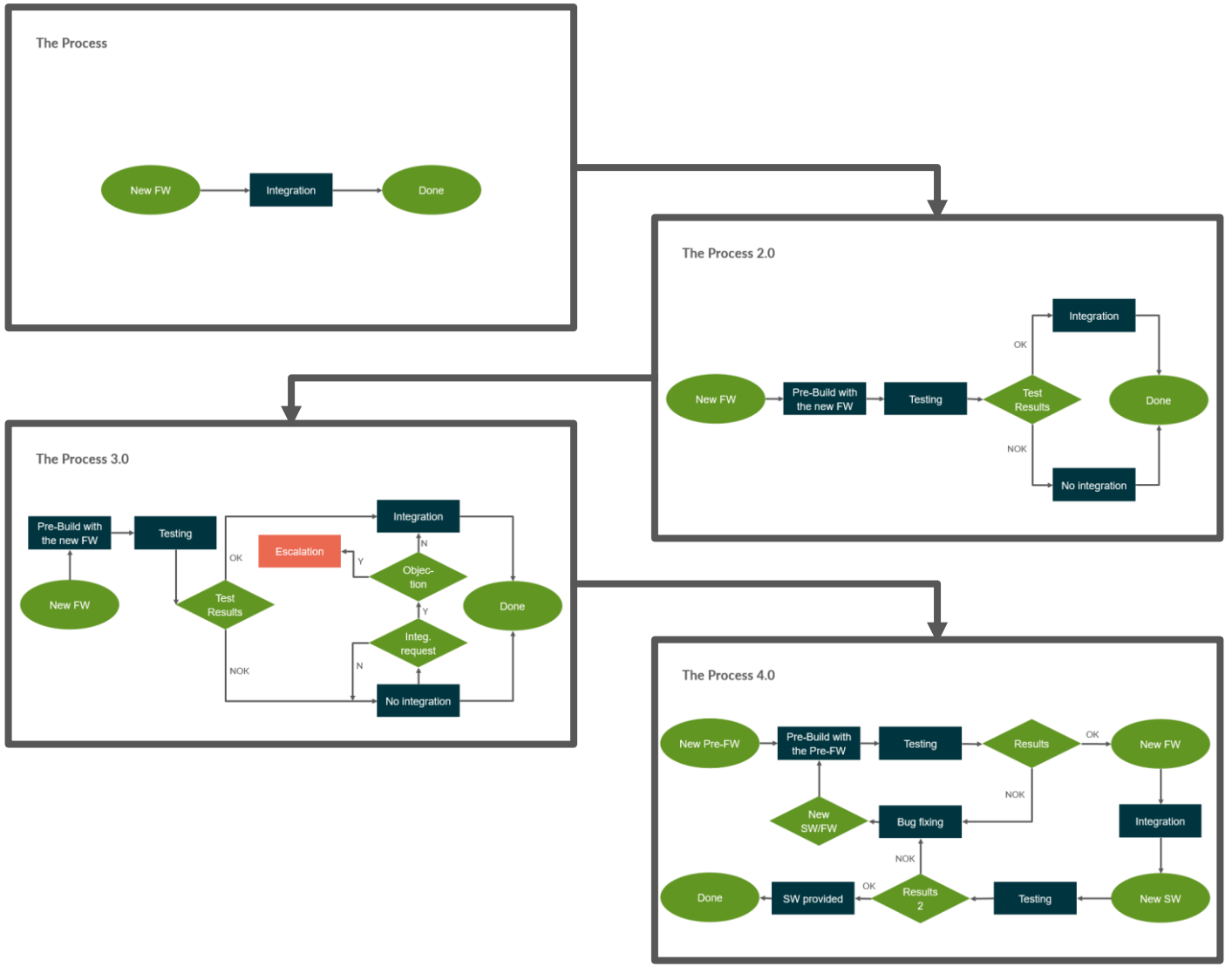
The evolution of the process
What have we gained?

- Time saving
- Early feedback
- Stability
- Scalability



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