

EvoQE

Evolution of Quality Engineering

Improved test selection strategy for a medical imaging solution provider



Challenges

- **Selection:** Lack of systematic way to identify the right tests that matter
- **Prioritization:** Prioritize the right tests for automation
- Quality: Delay in identifying basic issues during system testing



Benefits

- Improved adaptive regression test selection strategy
- Automated high priority tests are run frequently
- More stable builds for system testing
- Fixed process & tool gaps for analytics readiness





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Shorter release cycles for an industrial automation solution provider



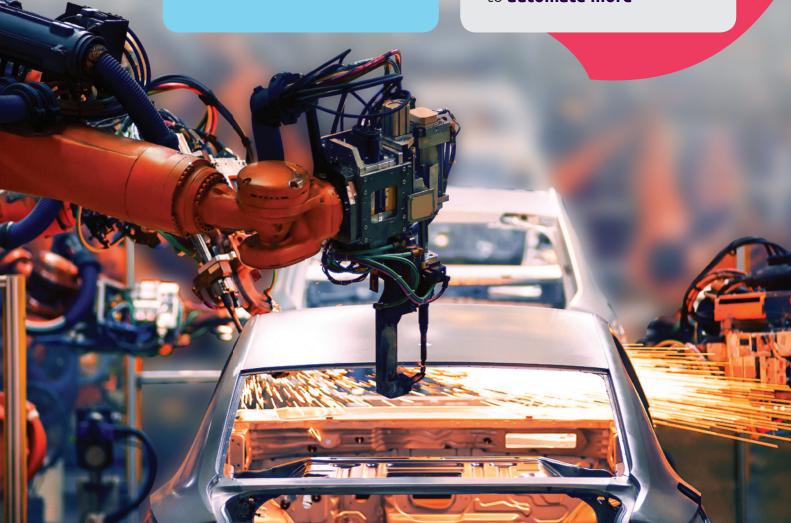
Challenges

- Selection: Large number of test cases to be executed in a short duration
- Productivity: Regression issues identified late in the cycle



Benefits

- High risk tests identified and prioritized first to capture defects early
- Achieved a 73% effort saving, leading to shorter release cycle
- QA team has more time to automate more





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Risk management in product test configurations for an enterprise server solution provider



- Complexity: Huge test configurations matrix - several permutations and combinations including hardware, software, and firmware variations
- Planning: Test efforts to achieve the highest coverage



Benefits

- Prioritized list of configurations and test cases with risk score
- A systematic way of system under test configuration planning
- 63% test cases could be de-prioritized





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