

# Firmware Security Analysis

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Firmware Security and comprasion analysis, Also How we can automate analysis process and integrate with project development lifecycle.

<https://medium.com/cruise/firmware-security-fwalyzer-dcbd95cef717>

## Firmware Lifecycle

Firmware, like any product, has a lifecycle from inception and prototyping to full force engineering and deployment to production. Each step in the lifecycle has a different focus and will likely impact the security of the firmware and final device in various ways. In addition, many devices are developed by a third party, not in-house. As a result, you have insights and control over fewer steps in the process. We identified three critical parts of the lifecycle to achieve the best possible outcome for security: **Development** — specifically the everyday CI-based engineering effort (**Acceptance**) Testing — especially for firmware delivered by third parties **Production Release** — security as gatekeeper for production release and signing.