

# OCP Datacenter NVMe SSD Benefits

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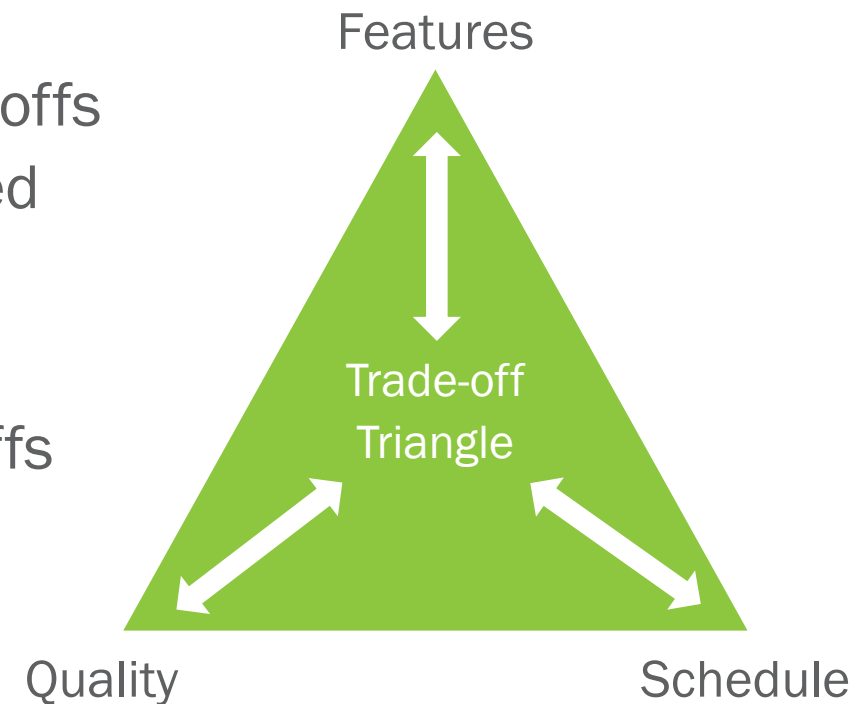
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# Benefits of Datacenter NVMe SSD Spec

- Confidential requirements result in trade-offs
  - “If you want to hit your schedule we need to drop this feature”
- Publishing requirements reduces trade-offs at an industry level
  - Common requirements spec across multiple customers is key



More features, better quality, and faster

# Detailed Benefits—One Firmware

- Common set of features means fewer custom firmware branches
  - Some vendors maintain more than ten
  - Lots of inefficiencies— redundant resources to develop, test, and maintain
  - Ultimate goal to get to one FW build for all the functional features
  - Allows more supplier resources to focus on one firmware
    - Improves product development and reduces cost
  - Build-time customizations via Device Profiles

More features, better quality, faster, and less cost

# Detailed Benefits—Testing

- Published requirements lets 3<sup>rd</sup> party test providers develop comprehensive test suites on the specific features customers need
- No wasted effort on optional features not used
- Reduces burden of maintaining multiple custom test suites which reduces cost and development time while improving quality
- Customers and Suppliers can reduce their test and validation costs by re-purposing internal test development to product development

More features, better quality, faster, and less cost

## Detailed Benefits—More competition

- NDAs typically required to share confidential specs with startups
- Everyone is busy, hard to get mindshare and engagement
- Datacenter NVMe SSD spec allows startups to make a compatible product with almost no engagement
- Always more convincing to test a product's claims vs. be convinced by slideware
- More competition leads to...

More features, better quality, faster, and less cost

# Thank You

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