

RSA 2020 Interop Demonstration Event

Tony Cox

Feb 2020

Rationale

- Requirement to show testing value
 - Participants
 - Industry expectations
 - Spec & Profile development
- Commitment to members

What actually happened...

- Per previous years – we're using the abbreviated process until the OASIS Board approve something else.
- 1 week connectivity Test
- 2 weeks interop testing
- 1 late server entry – accommodated without fuss
- New results collection system in play – made the process much smoother (no spreadsheets)
- Results review was quick and very collegial/cooperative
- Results collation and review was relatively straight forward
- Good results for the group overall

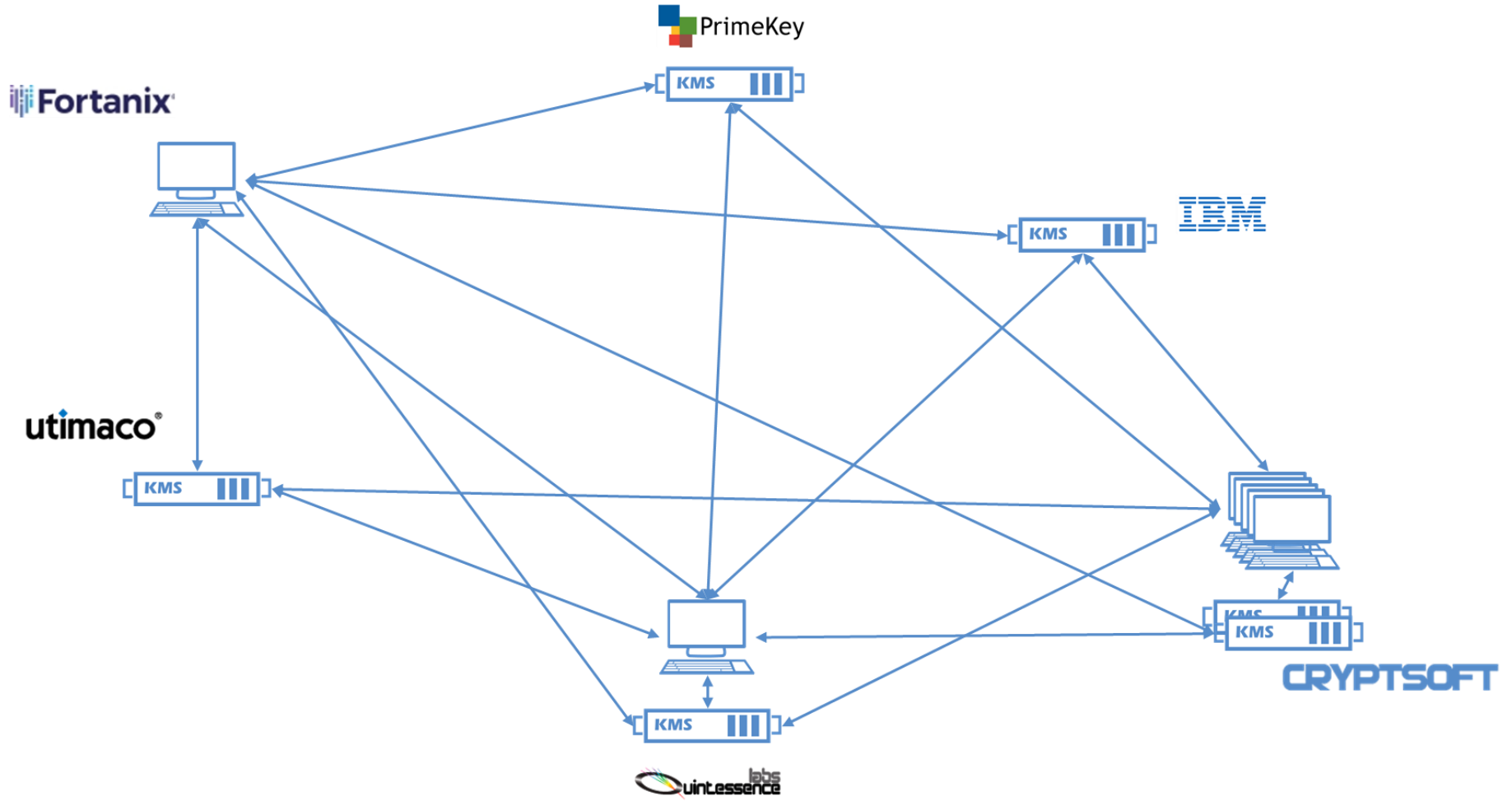
Testing Process

- 7 Clients
- 7 Servers
- 7 Participating organisations
- ~51,000 successful test runs
- Testing scope was significantly higher than last year
- Same point to point testing setup as in previous years
- Limited (small) number of tests needed a subjective adjustment through analysis
- Specific Connectivity Test period test again eliminated some delays we've seen in the past

Testing Process



Testing Process

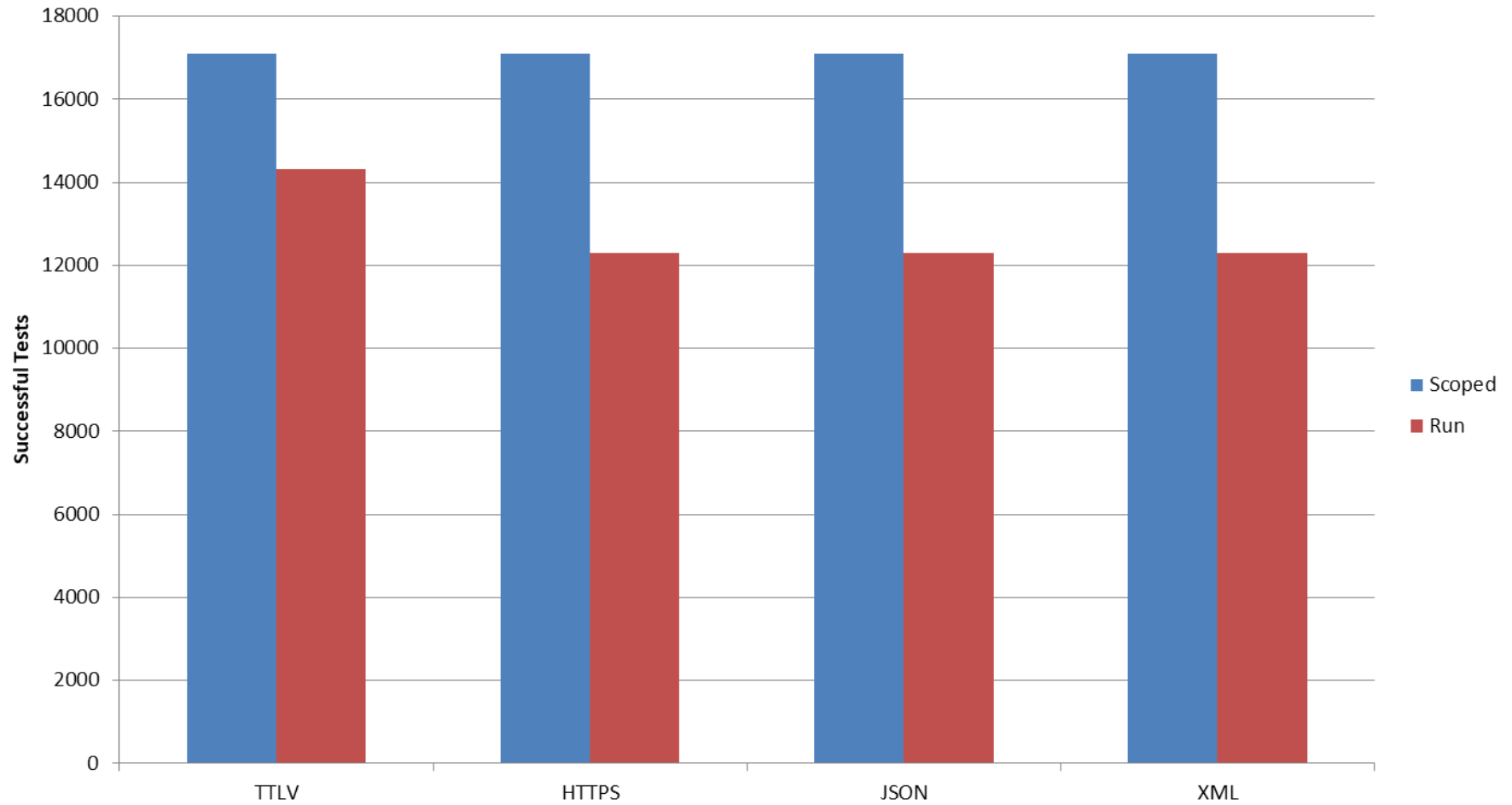


KMIP TC Interop Results Feb 2020

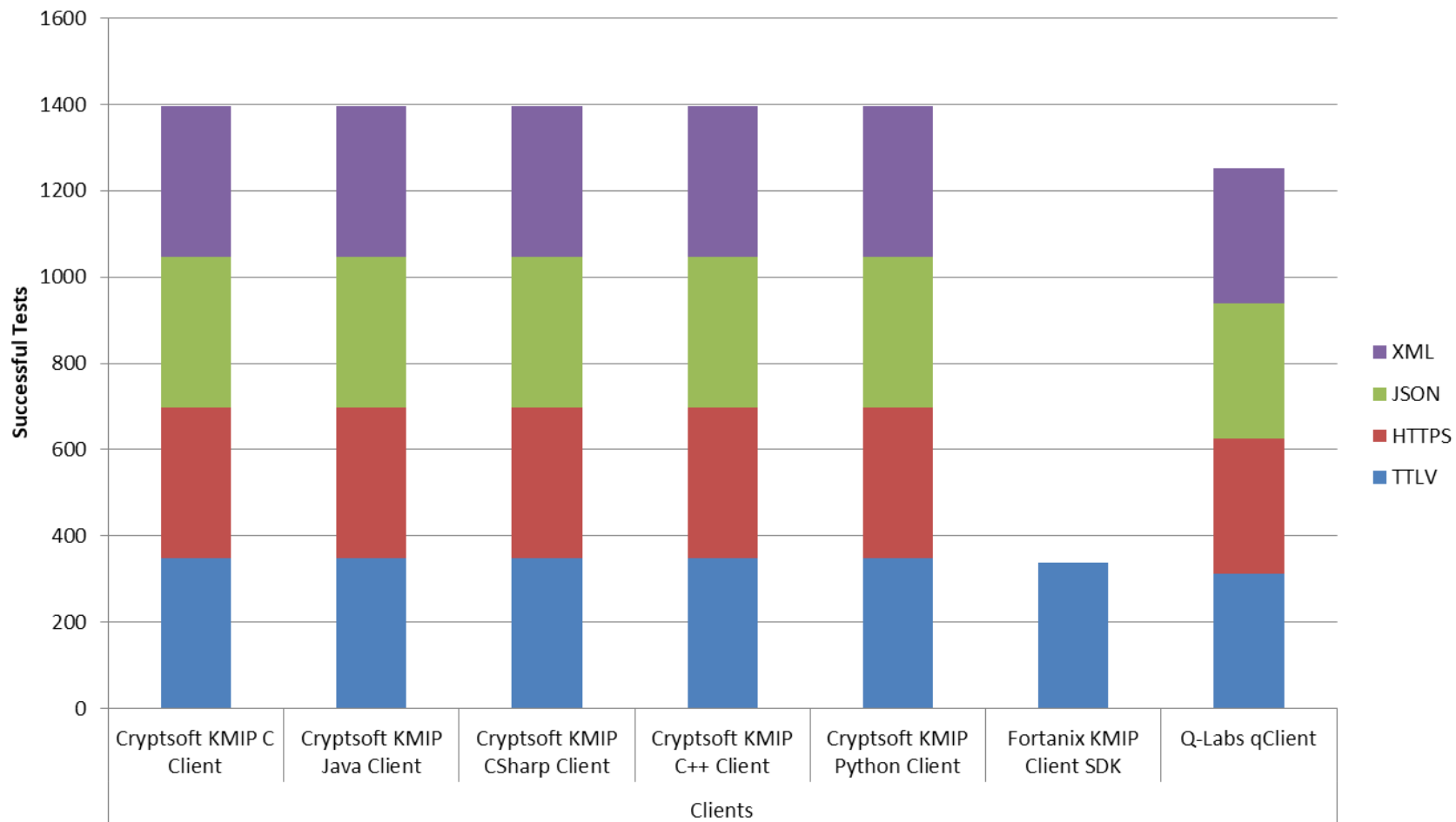
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Graphs based on verified results from the OASIS KMIP RSA2020 Interoperability
Demonstration Testing

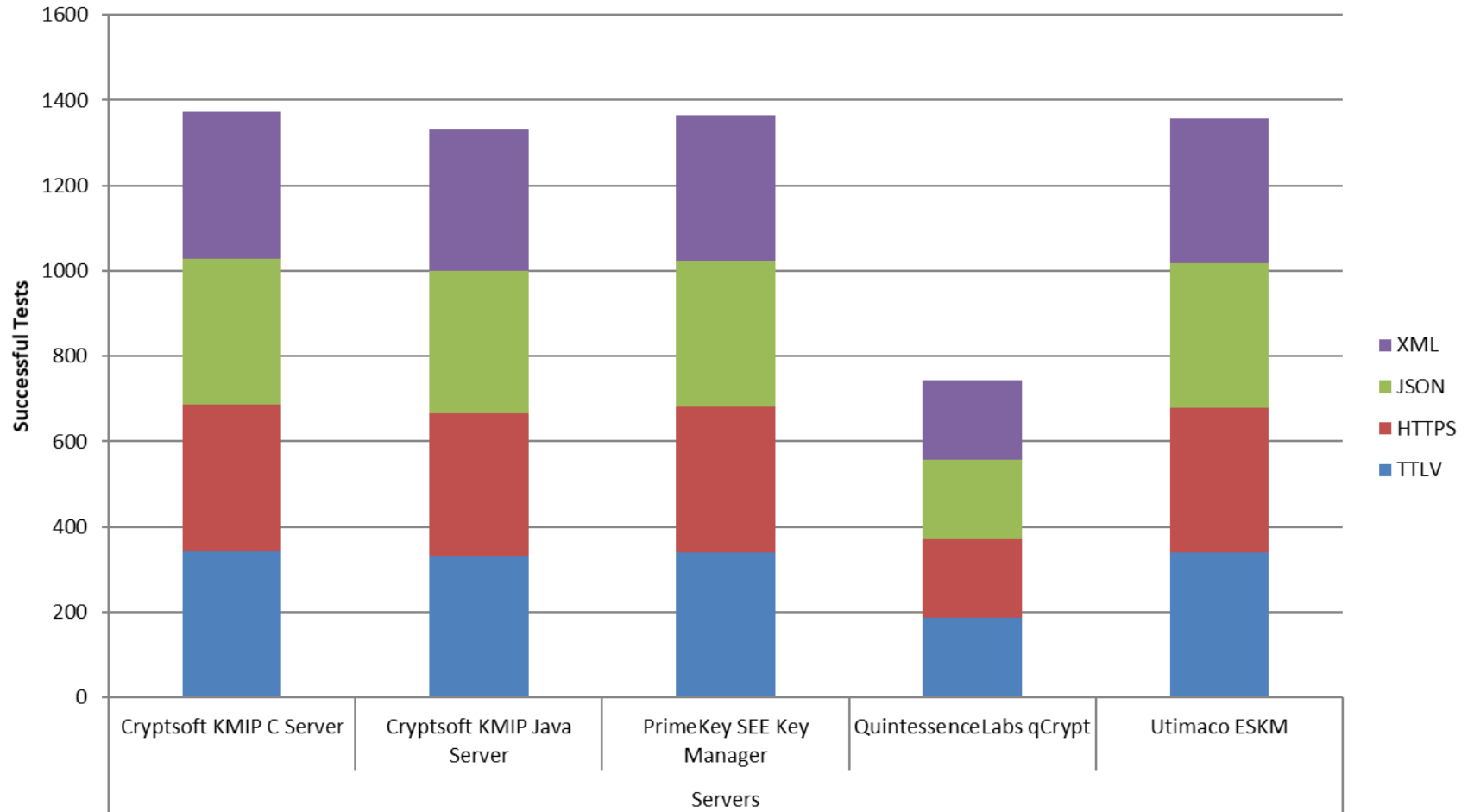
KMIP Testing Scope



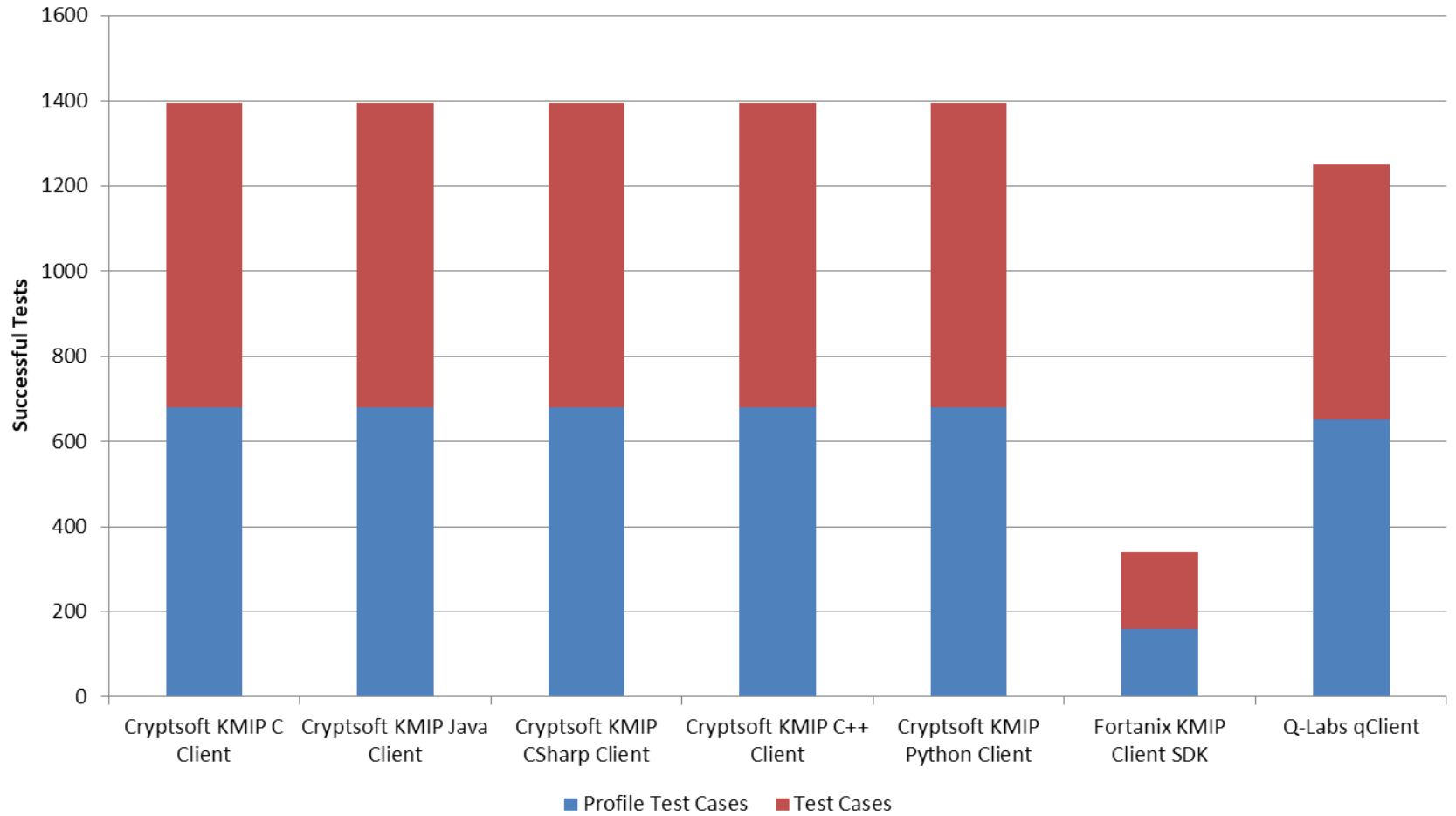
Clients by Encoding



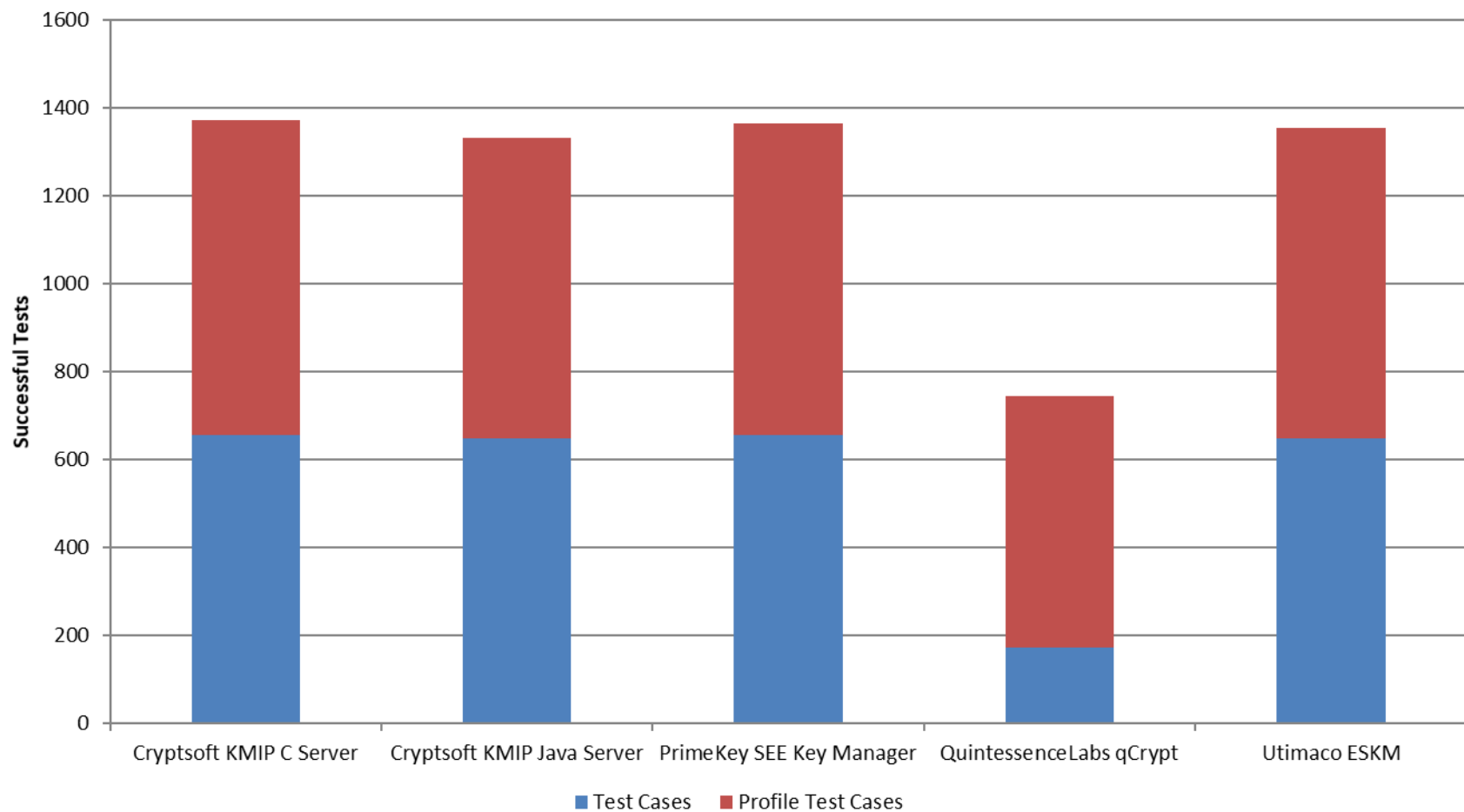
Servers by Encoding



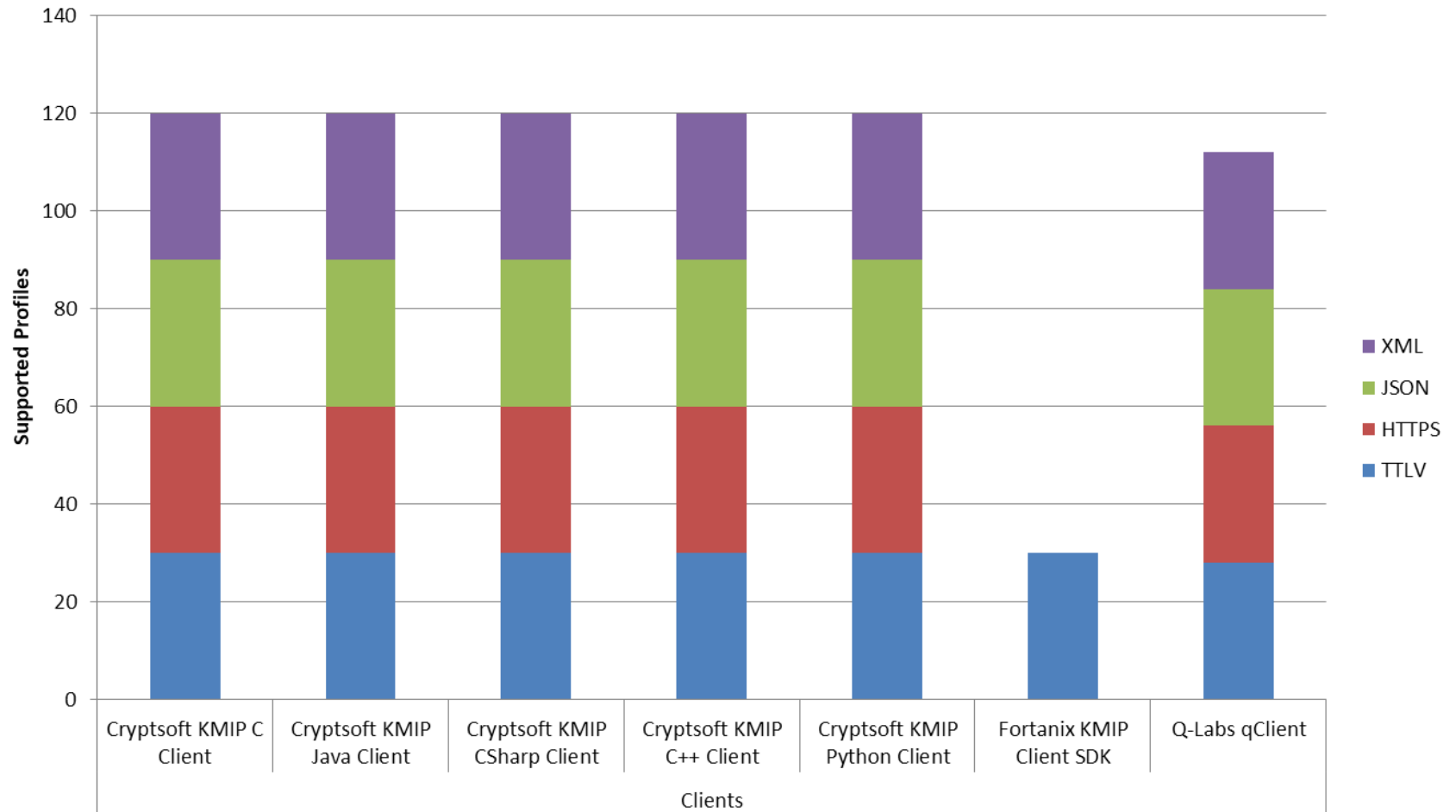
Clients by Test Type



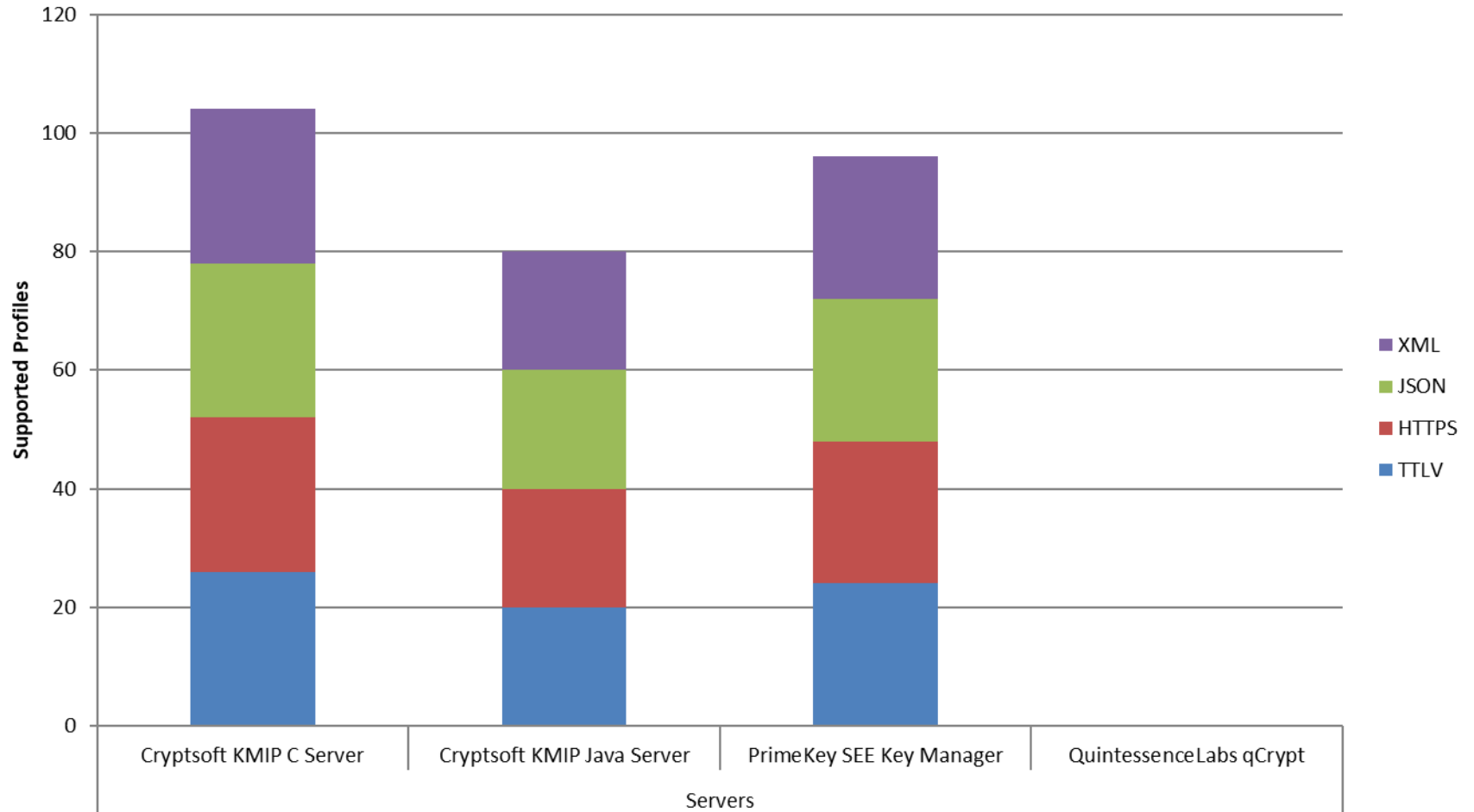
Servers by Test Type



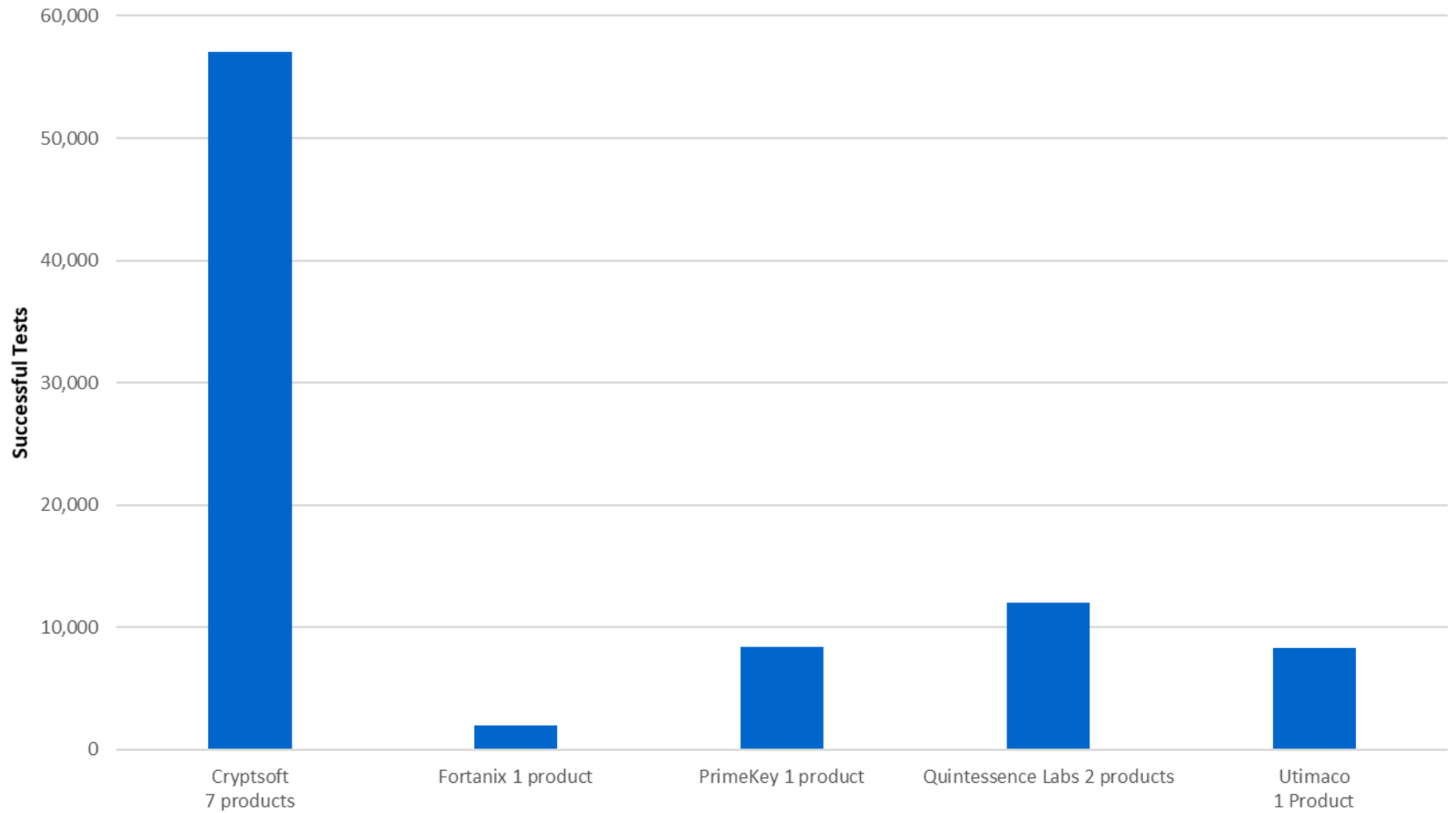
Profile Conformance By Client Summary



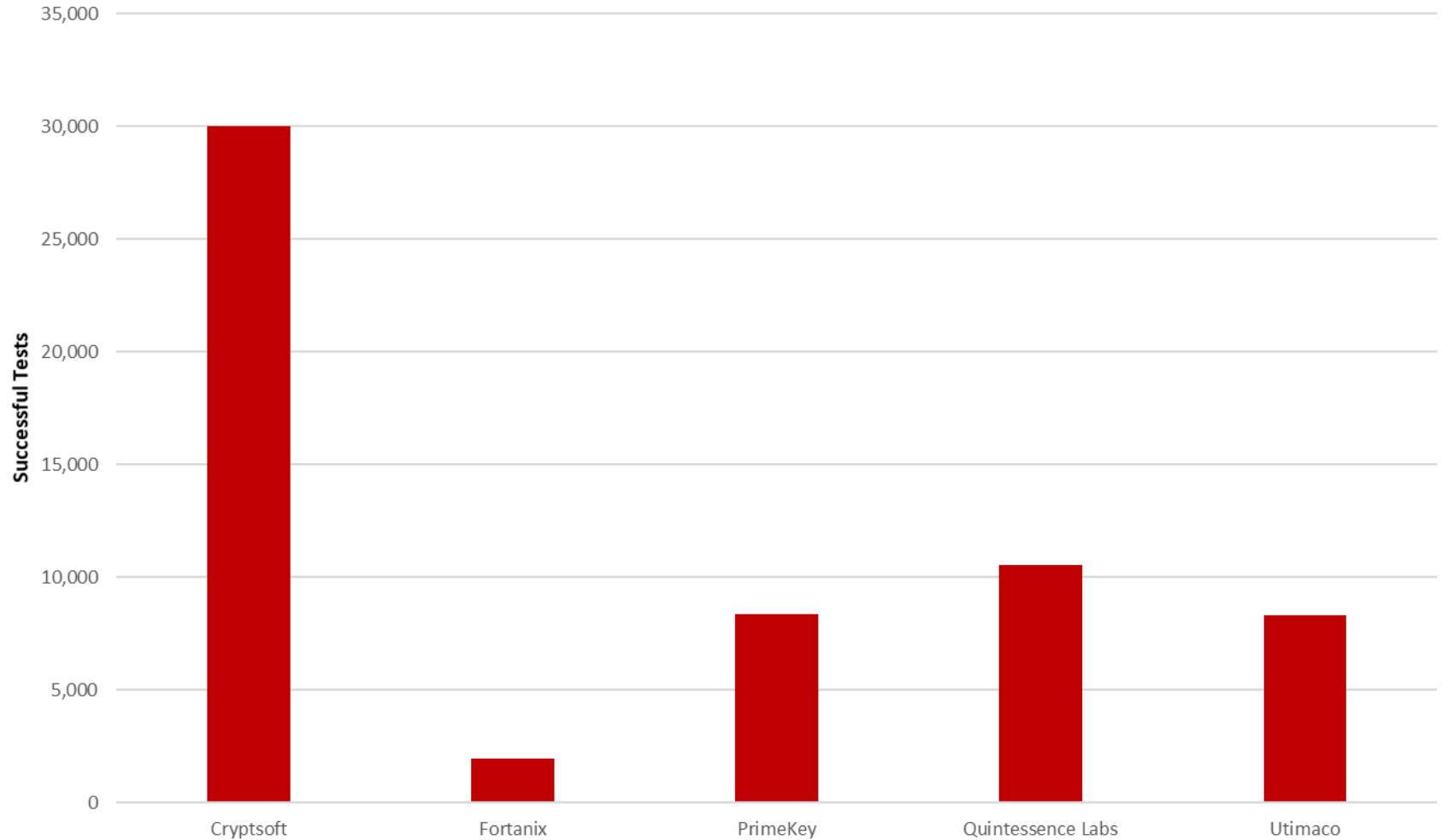
Profile Conformance By Server Summary



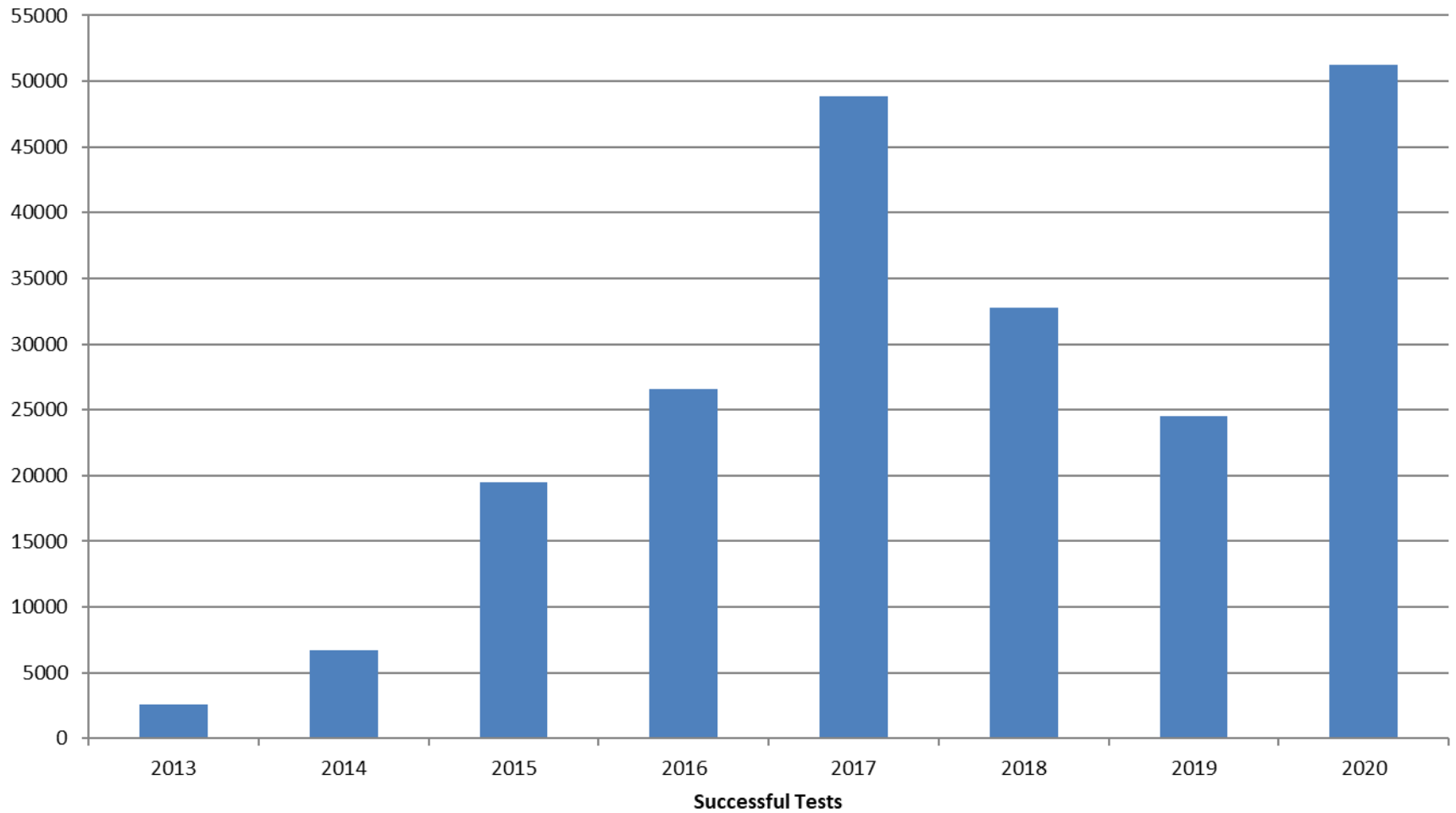
Total Tests By Vendor (inc Vendor to Vendor)



Total Tests By Vendor (Exc Vendor to Vendor)



KMIP Interop Test Progression 2013-2020



Summary

- Most successful test yet – very cooperative
- The abbreviated Interop Process works
- Test Cases & Profiles were well tested and some adjustments made
- New results system worked well and aided clearer communication between participants
- Still minimal use of the Interop Identifier – consider use for future interops
- Thank you for everyone who contributed towards making this a flagship event for OASIS