

PROTECTING FOR TOMORROW

The Role of Continuous Deployment in
Client-Side Cyber Security Software

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NEW MALWARE APPEARS EVERY DAY

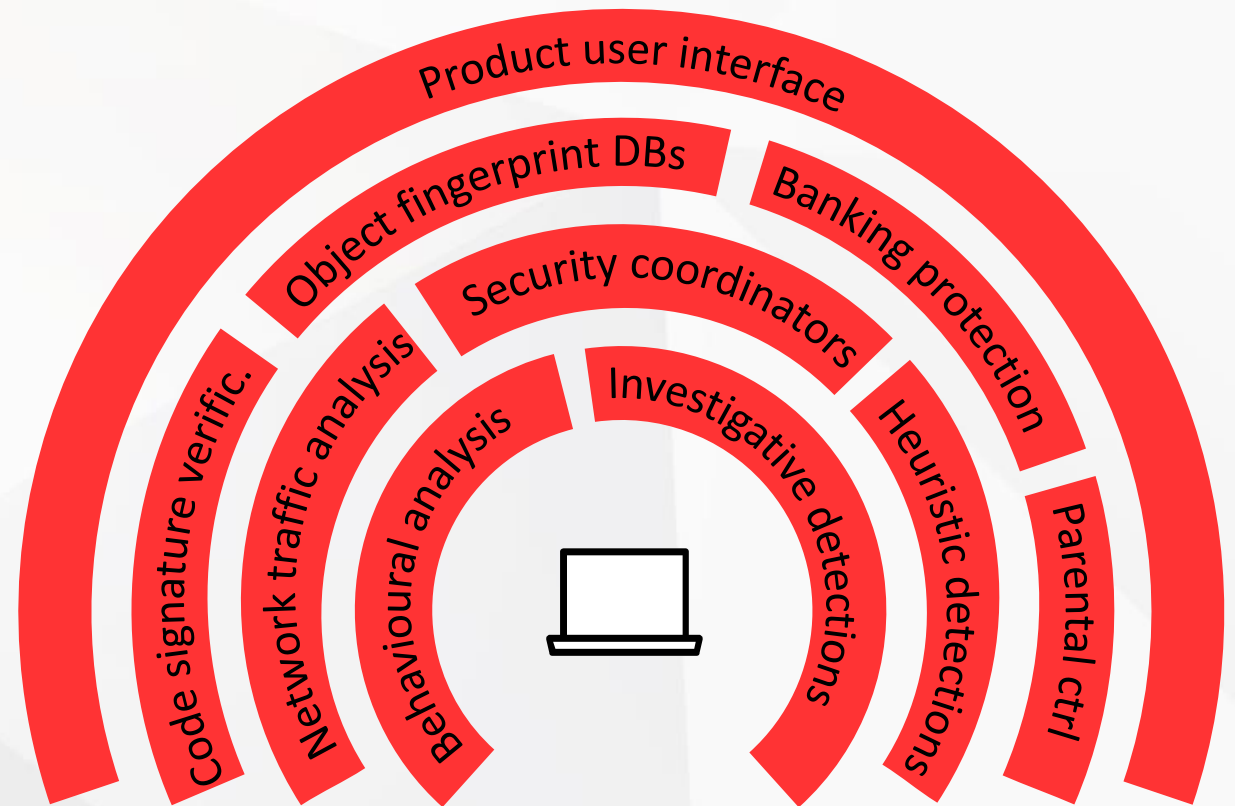
- New malware found / year:
 - 2008: 10 000 000
 - 2012: 40 000 000
 - 2014: 140 000 000
- Total (2017): 700 000 000
- Average growth: 4 new malware detections / second

(AV-TEST, <https://www.av-test.org>)

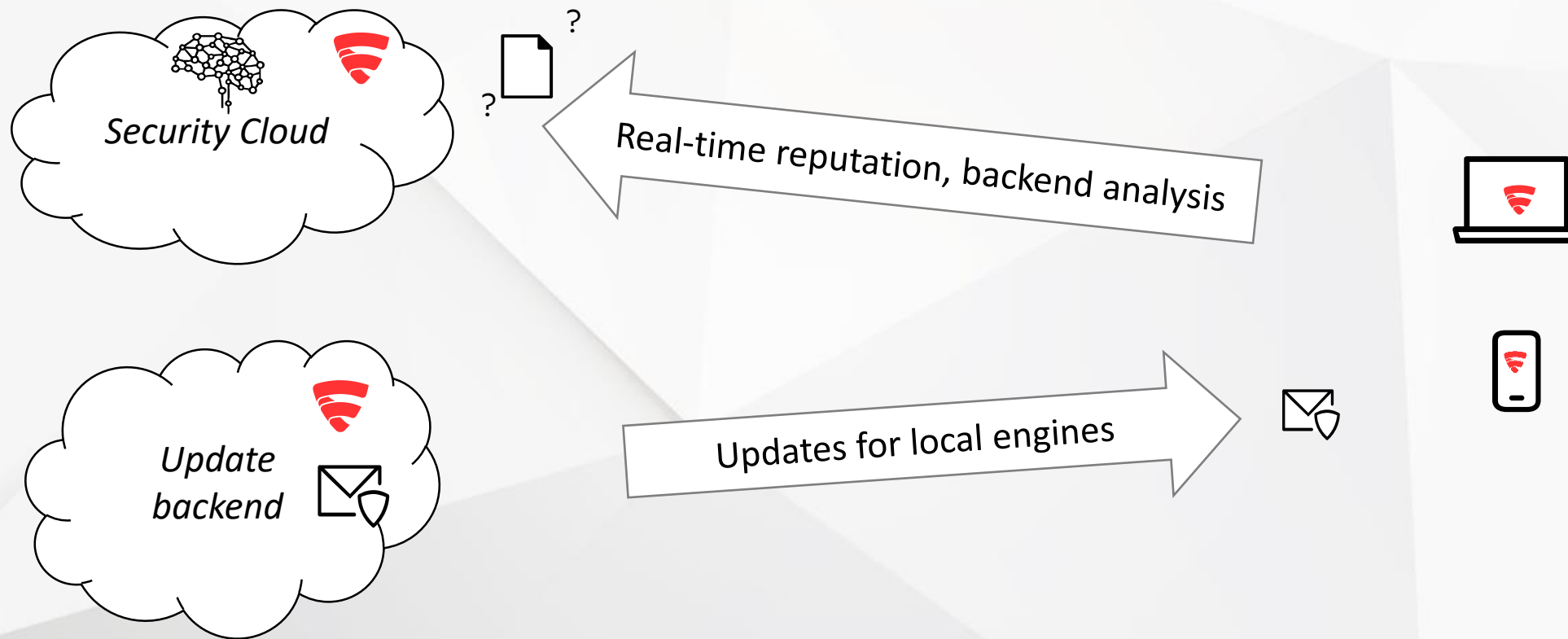
KEEPING UP-TO-DATE

- Multiple independent components
- Overlapping responsibilities → Defense-in-depth

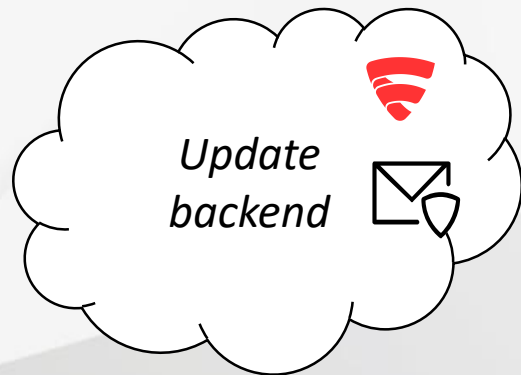
Currently we are publishing 10-20 updates per day.



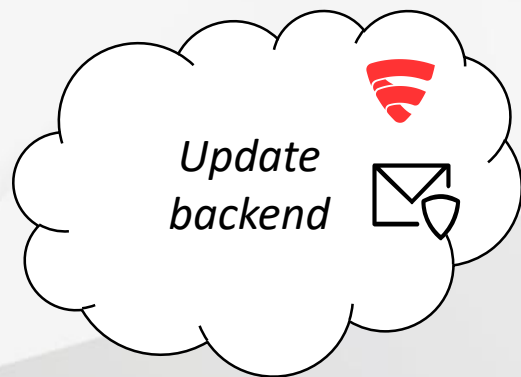
ONLINE PROTECTION



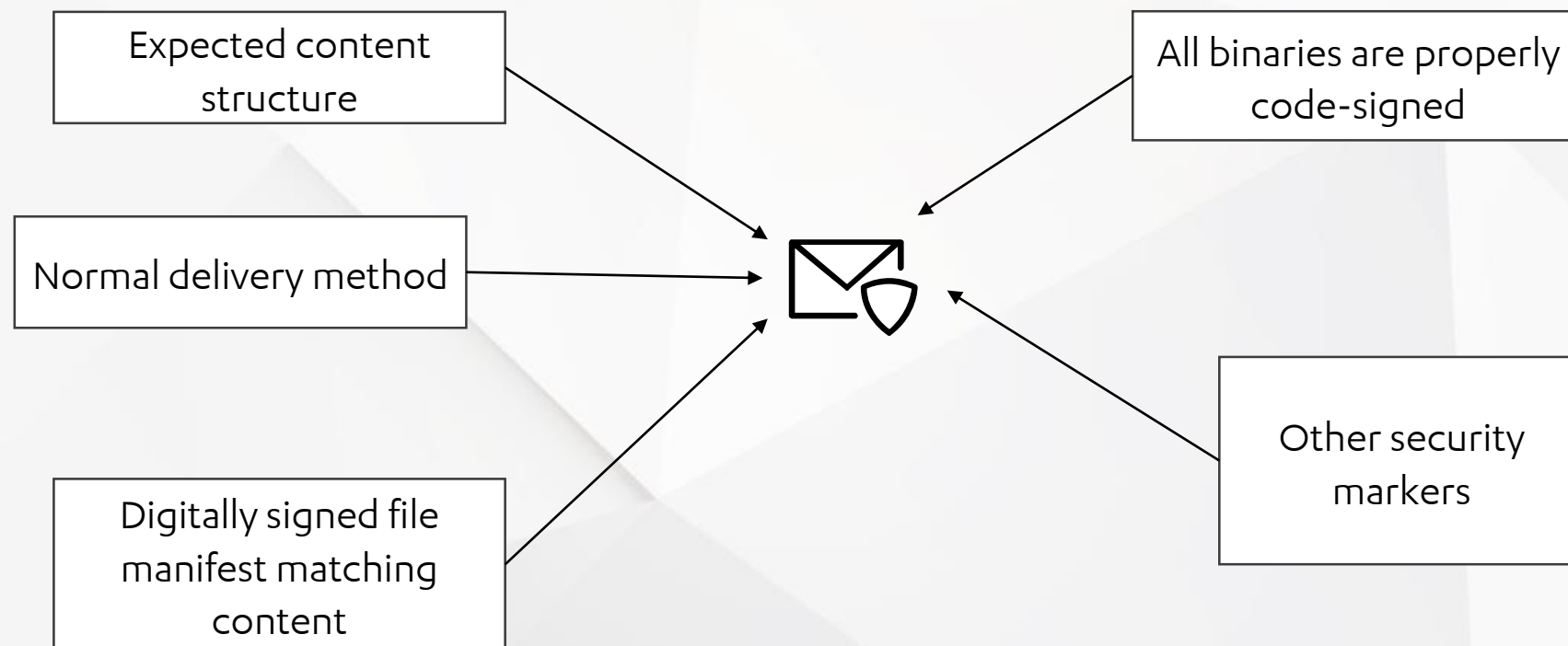
OFFLINE PROTECTION



OFFLINE PROTECTION

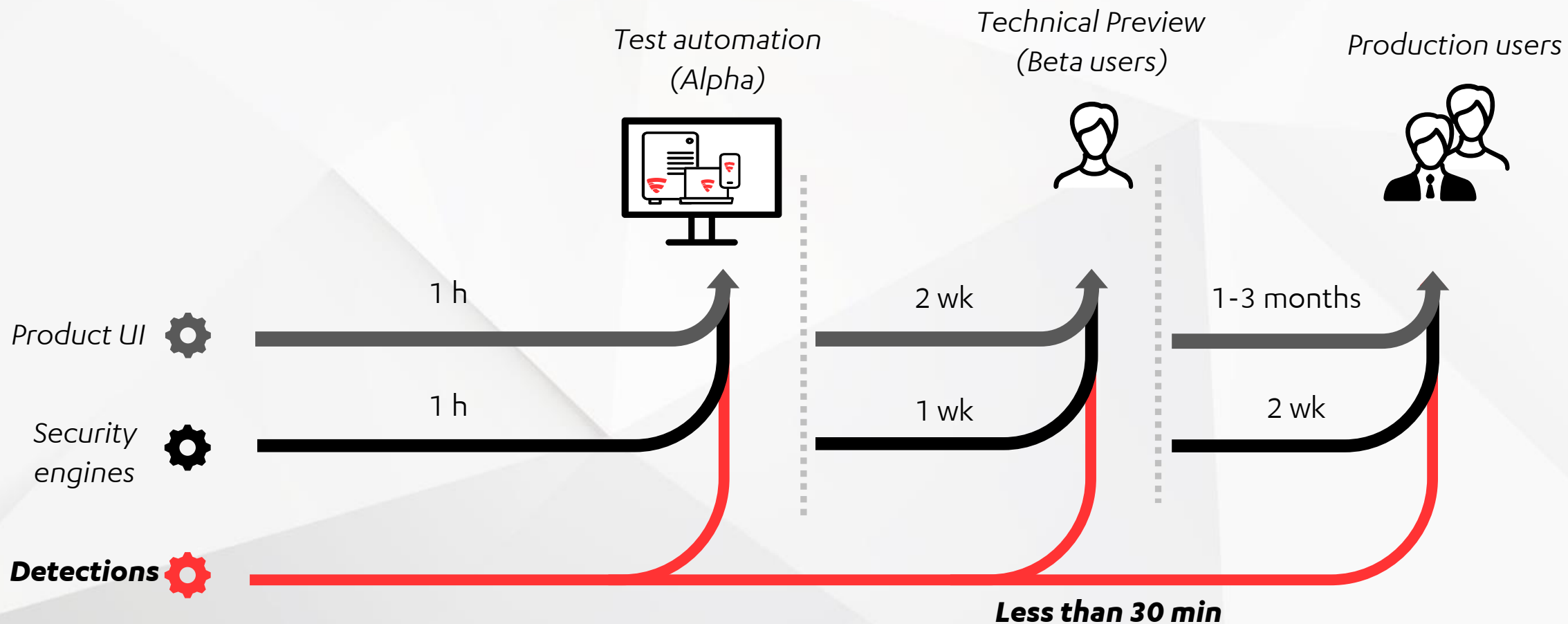


UPDATE AUTHENTICITY



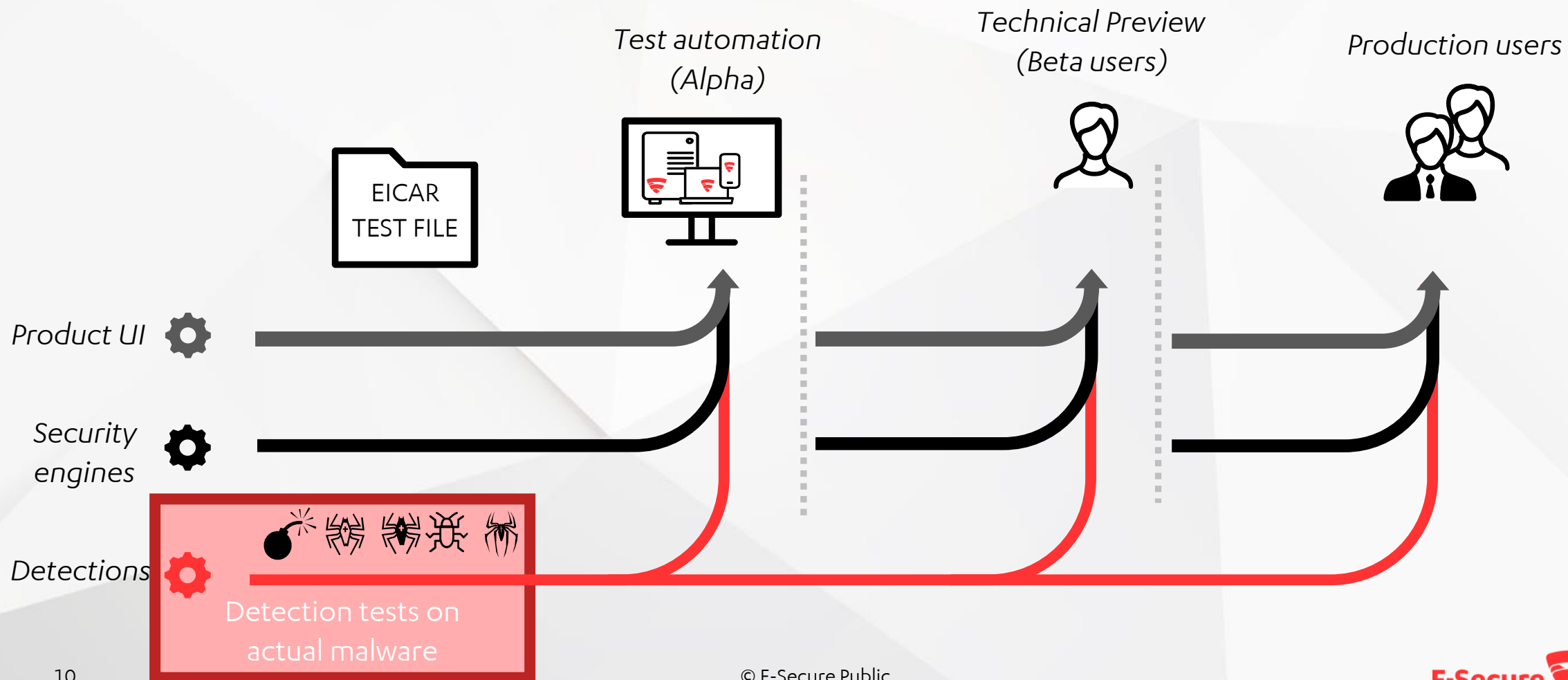
ACCEPTANCE TESTING

EXPECTED LEAD TIMES

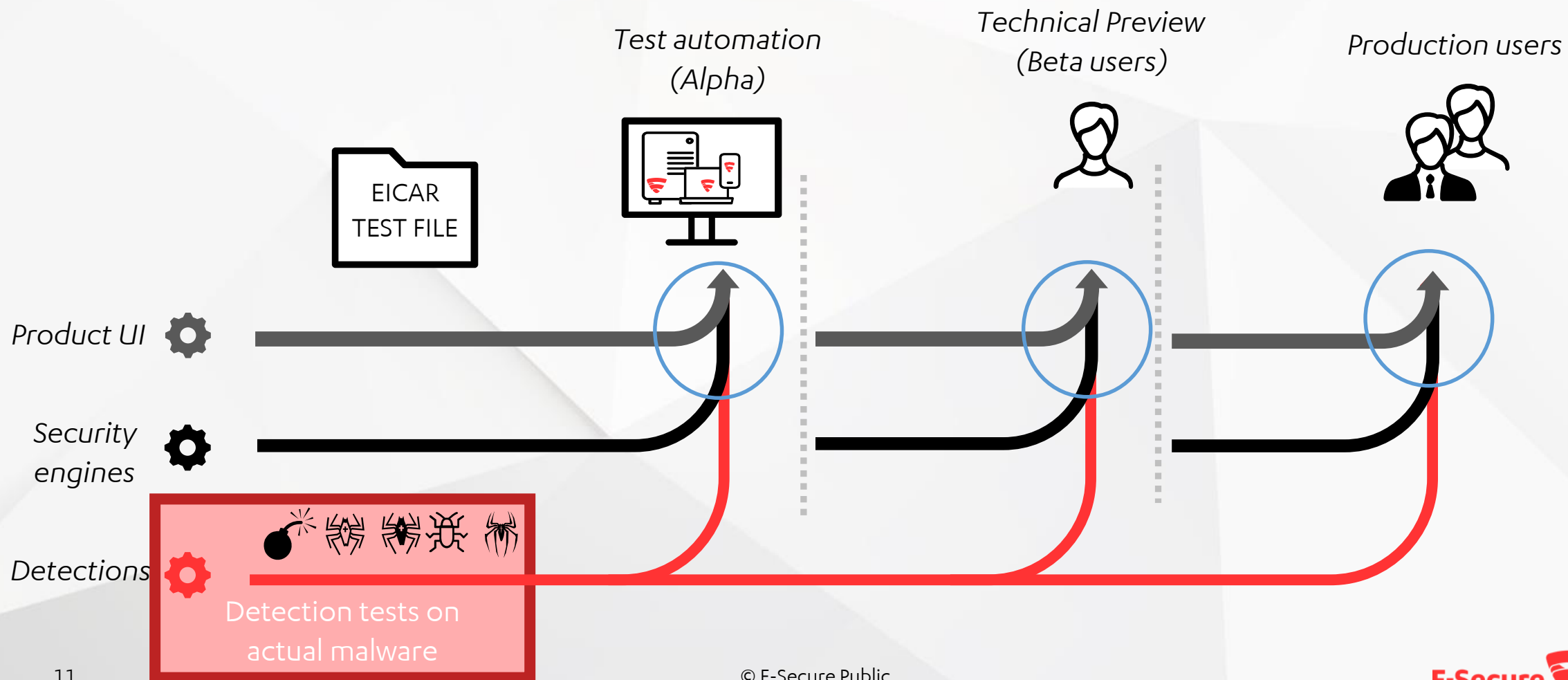


** Times above represent normal expectations.
Actual lead times may vary on a case-by-case basis.*

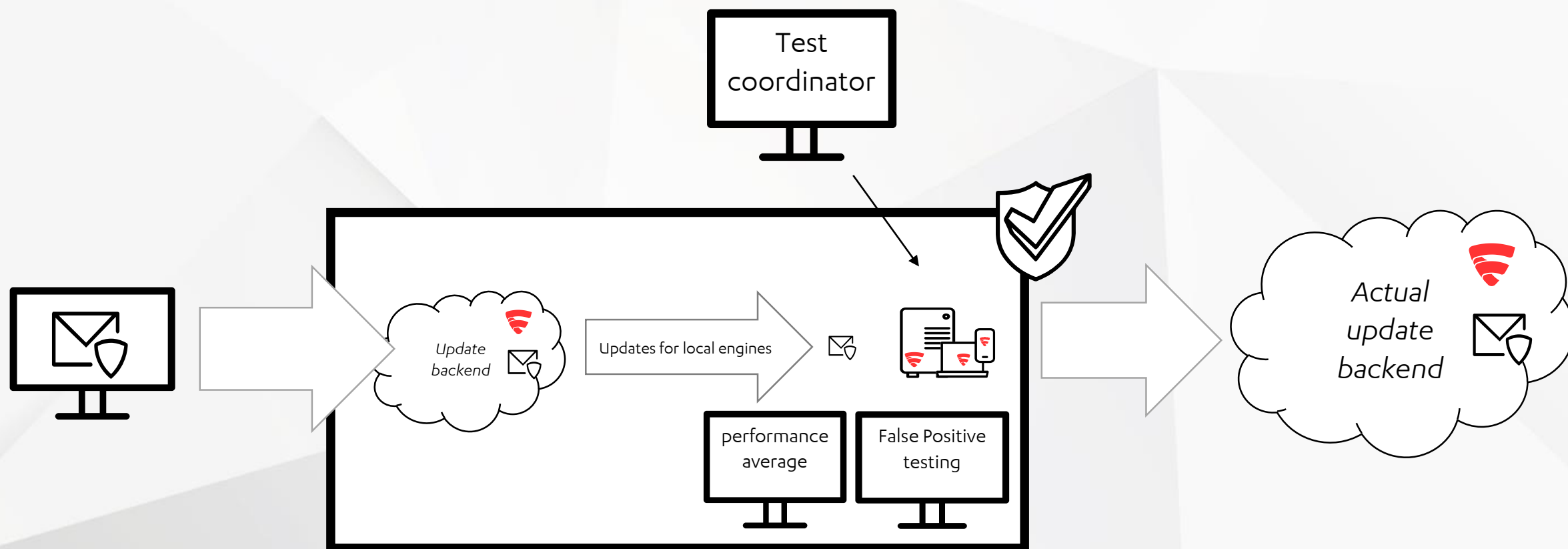
PRE-ALPHA TESTING



ACCEPTANCE TESTING



ACCEPTANCE TESTS WITH STATEFUL TA



...SO WHAT TO MAKE OF ALL THIS?

Your continuous delivery pipeline is a weapon.

Protect it. Keep it secure. Keep it safe.

WE'RE F-SECURE

**AND WE HAVE BEEN PART OF
THE CYBER SECURITY INDUSTRY
FOR OVER 25 YEARS**



F-Secure®