

360 ENISA Trust Services Forum 2018

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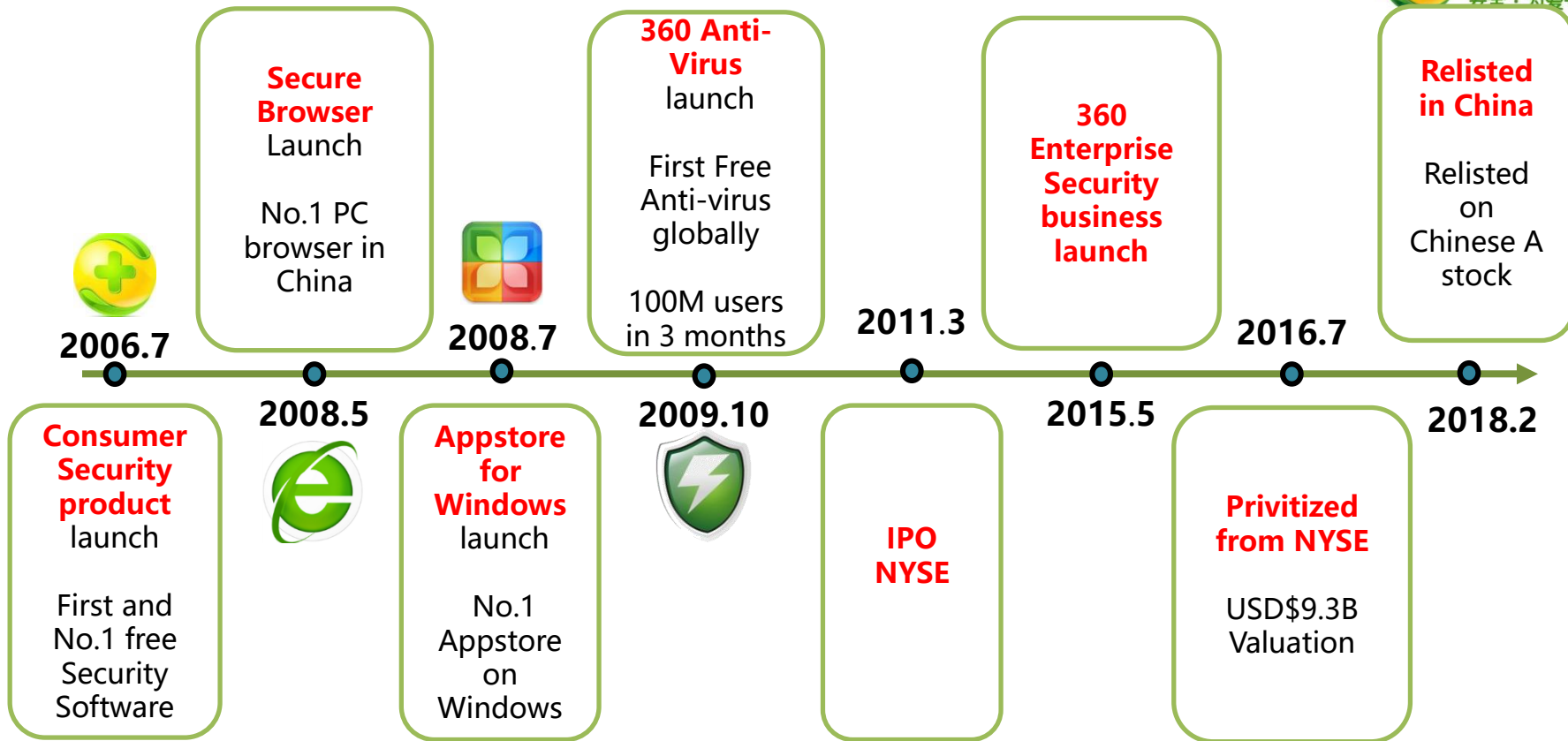
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- Overview
- Key Products and Technologies
- Recognition of eIDAS audits

360 Overview

- **Founded** : August 2005
 - **Market Position** : No.1 IT Security Company in China
 - **Expanding globally:** US and EU
 - **User Base** :
 - Consumer Market : 90%+Internet Users of China
 - 90%+ of SMBs and big enterprises in China
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Milestones and Roadmap of 360



Key Products & Technologies



PC and Mobile Footprints



Smart Devices



H/W Optimizer



Traffic Manager



Health Check



Startup Booster



Patch Manager

System Optimizer



Antivirus



Safe Guard



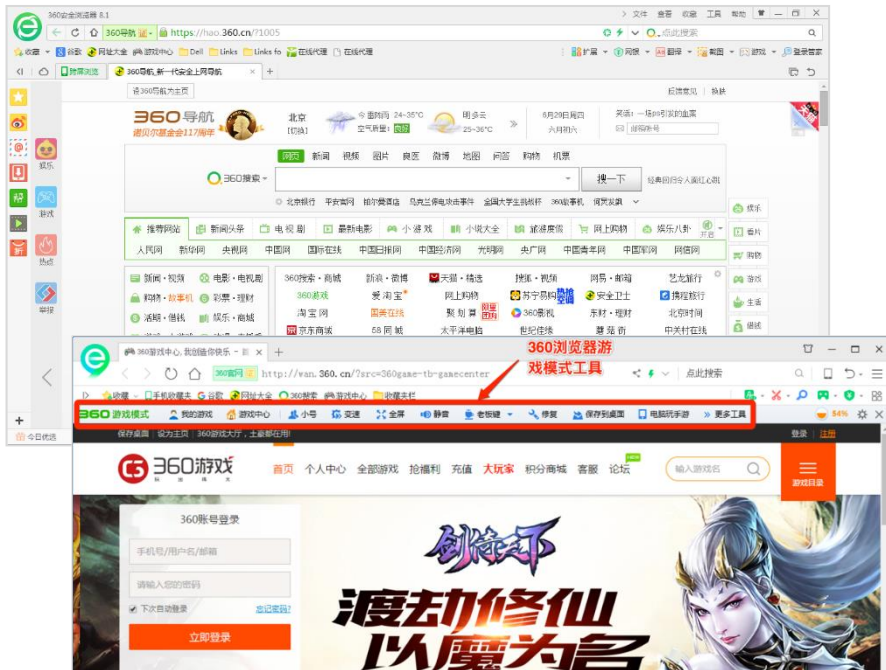
Mobile Safe



SMB Safe

Core Security Products

■ Two 360 Browsers: Security browser and Extreme browser



- Launched in 2008 <https://browser.360.cn>
- Users: 300M, No.1 PC Browser in China. In the EU more than 1M
- Block 150M phishing sites and malware per day
- IE\Chrome\EDGE renderer auto switch (Webkit or Trident)
- Sharing root store

Recognition of eIDAS audits

- 360 browsers run and manage a root store (trusted list)
 - Policy and procedure defined at <https://caprogram.360.cn>
 - In line with other browsers
 - Acceptance of audit reports and certifications based on what stated in the CA/Browser Forum documentation, that is:
 - Webtrust
 - ETSI ENs
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- CAs/TSPs “wrong” documentation
 - CAs/TSPs having issues in their practices as reflected by some tools (crt.sh, linters, ...)
 - CAB’s CARs do not reflect these
 - Same CAs/TSPs are included in the EU TSLs
 - Conclusion?:
 - Difficult to trust the CARs
 - Browsers acting as police
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- ETSI ENs audits are accepted (eIDAS audits can be accepted as well for the QWACs)
 - EU TSLs are not “incorporated” to the root store because:
 - Difficult to implement and not quick enough to add/remove
 - Don’t trust the control the SBs manage over the CAs/TSPs
 - It’s needed a more robust ecosystem
 - Better documentation and practices performed by the CAs/TSPs
 - Better audit performance by the CABs
 - Better CARs (standardized) indicating all issues/findings whenever possible
 - Better collaboration with CABs and SBs
 - Better “dedication” by the SBs
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- 360 internal debate on accepting and supporting eIDAS audits for QWACS but
 - CARs need more information
 - Not trusting TSLs initially, only those TSPs accepted in the 360 root store
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