



360 Browser Update

CAB F2F48 @ Guangzhou

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360Browser – The most popular browser in China



360 Extreme Browser



360 Secure Browser

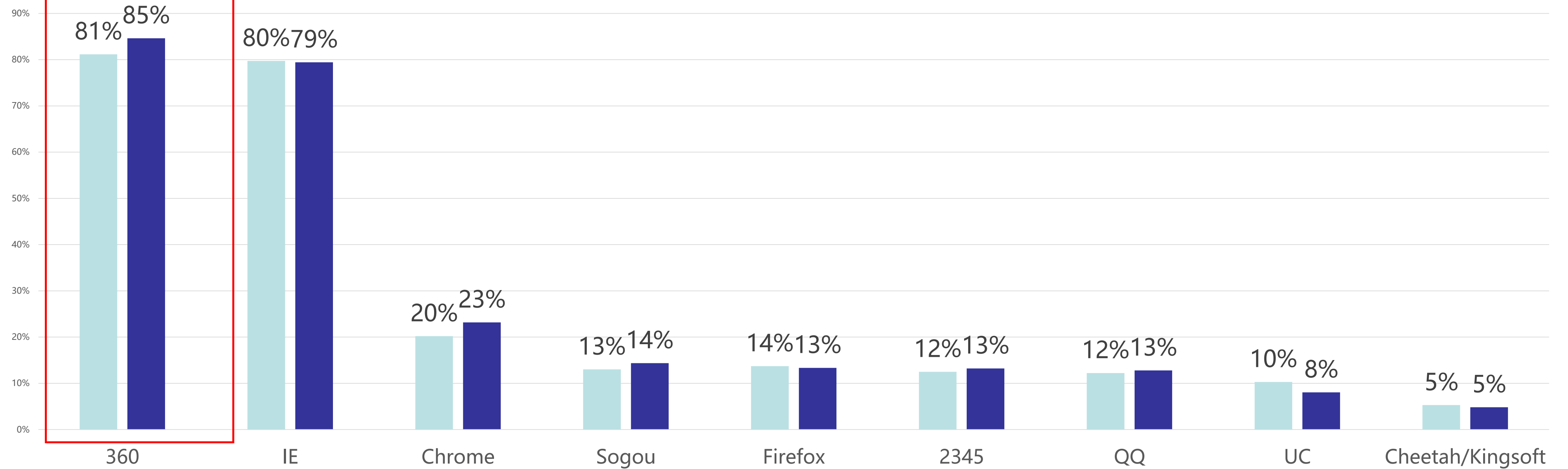


360 Enterprise Browser

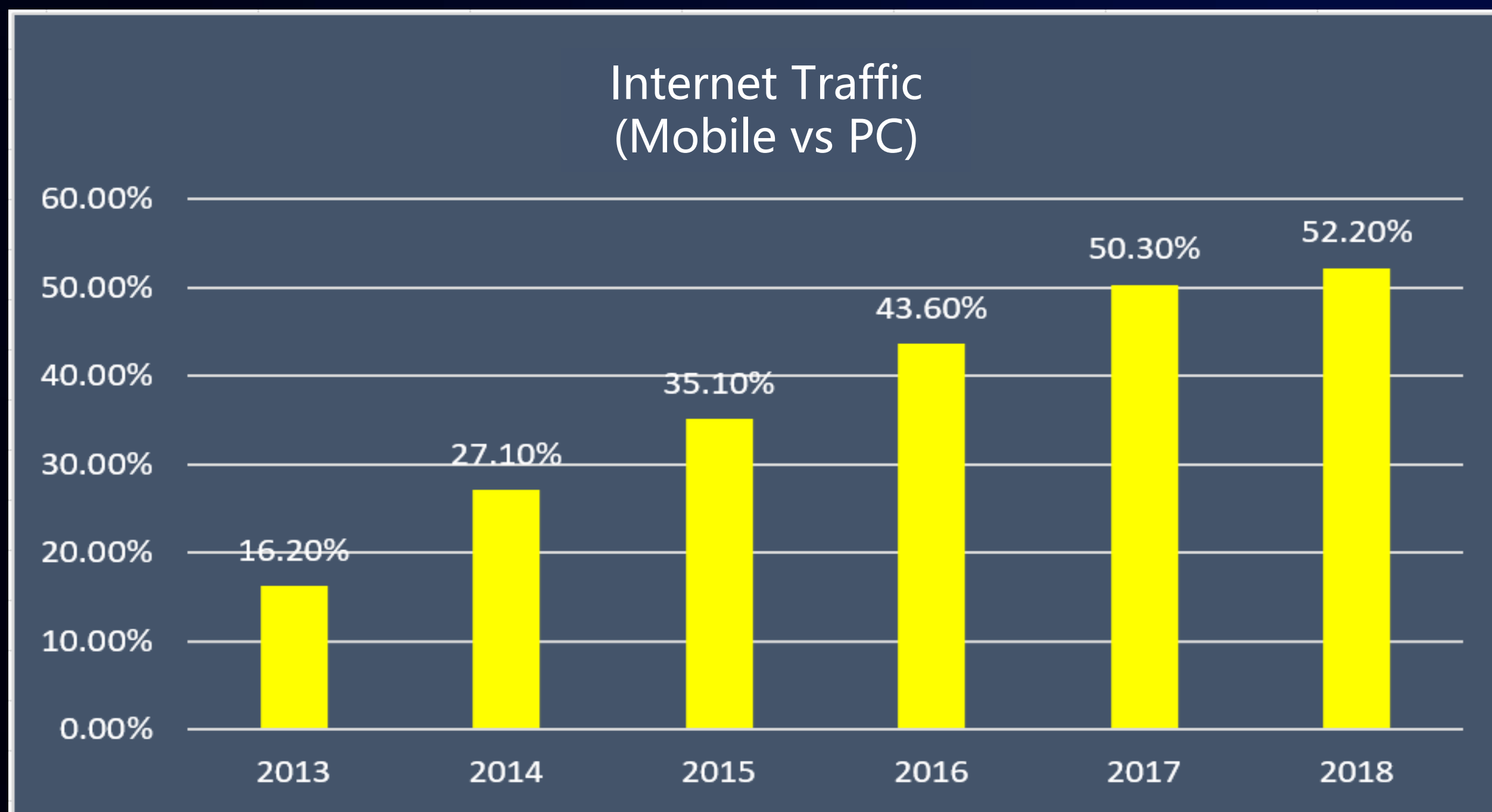
MAU: 400M
DAU: 80M

iResearch: Browser End User penetration rate in China

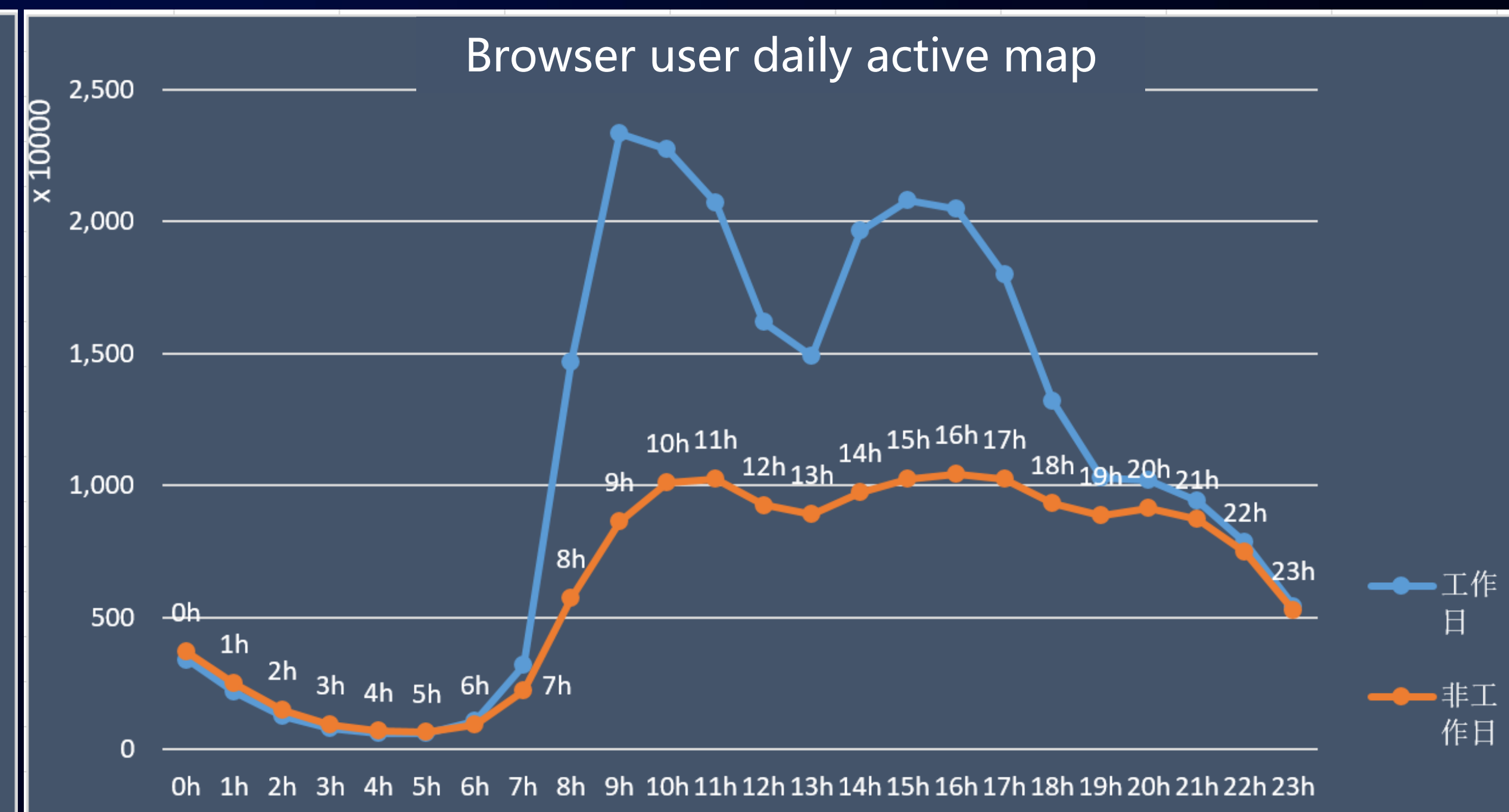
2018Q3 2019Q3



PC browser remains internet entrance



Source: BroadbandSearch



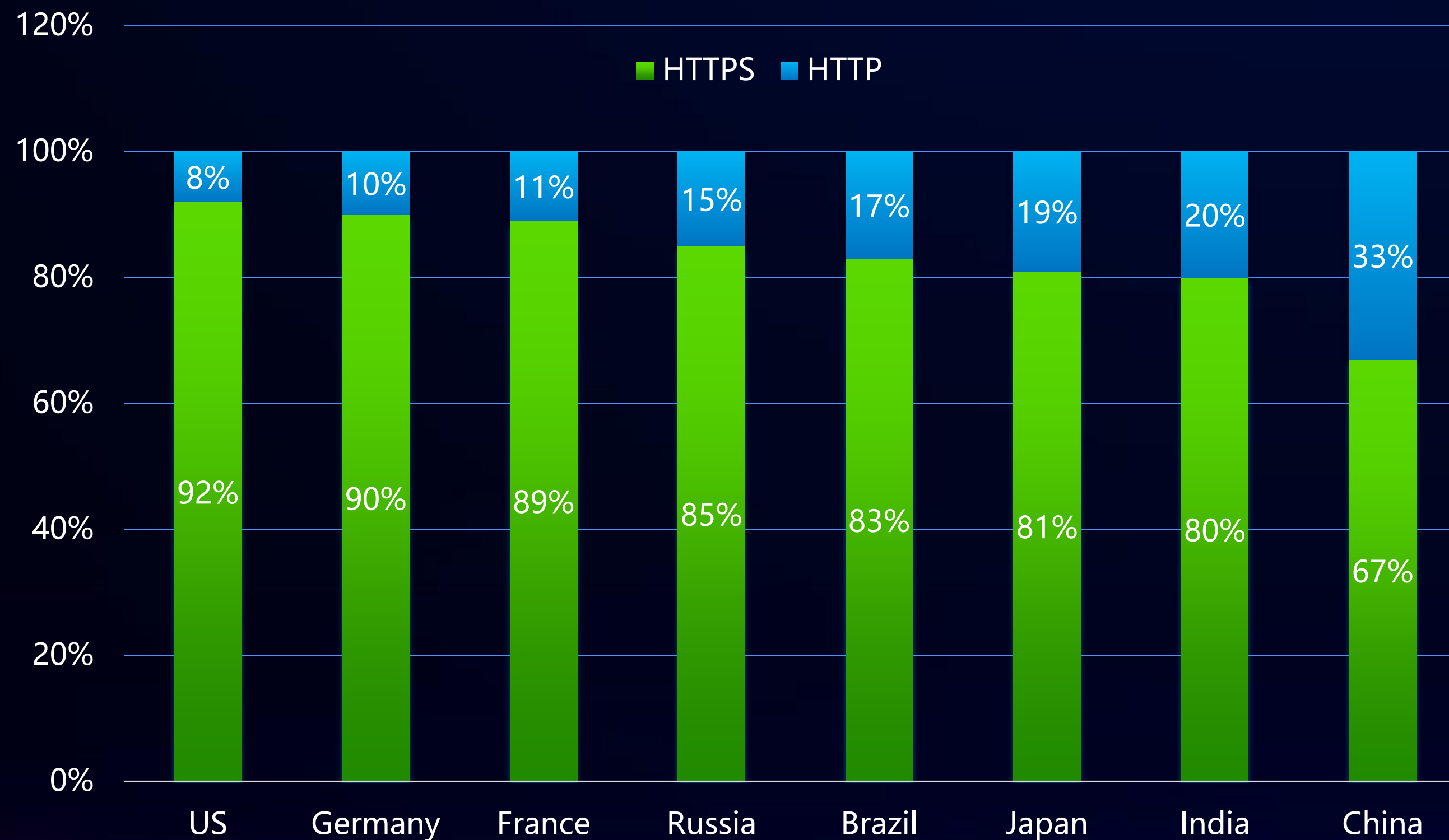
Source: 360

- PC still eat 50% internet traffic , and browser is **>50%** for daily use
- PC browser users are mainly on **OFFICE** work scenarios

HTTP->HTTPS Status in China



HTTPS vs HTTP visits by Country



- HTTPS percentage in China relative low (**65%**) compared with US/EU and other golden bricks countries.
- HTTPS in China gov websites is **47%**^[1], while US gov websites are **100%**^[2]

[1] Based on 111,529 government websites by 360, July 2019
[2] Benefits from white house "HTTPS-Only" directive in June 2015

Source: <https://transparencyreport.google.com/https/overview> (except China) and 360 (China)

360 Root Store updates



1

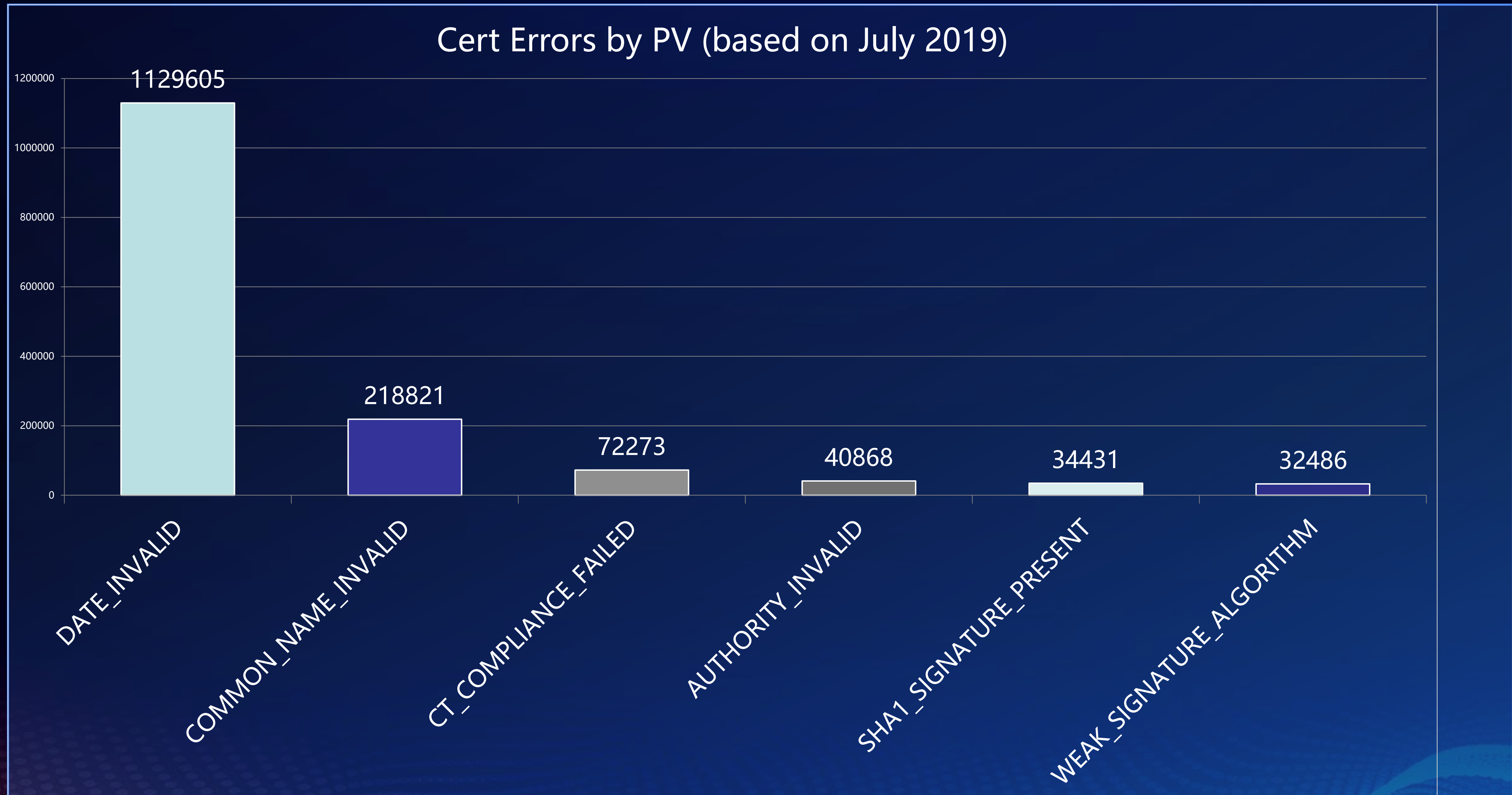
CA	Roots	Status
iTrusChina	<ul style="list-style-type: none">vTrus Root CAvTrus ECC Root CA	Added after Sept. releases
CFCA	<ul style="list-style-type: none">CFCA EV ROOT	To be released
HARICA	<ul style="list-style-type: none">Hellenic Academic and Research Institutions RootCA 2015Hellenic Academic and Research Institutions ECC RootCA 2015Hellenic Academic and Research Institutions RootCA 2011	To be released

360 root store update to all products

2

10% → 100%

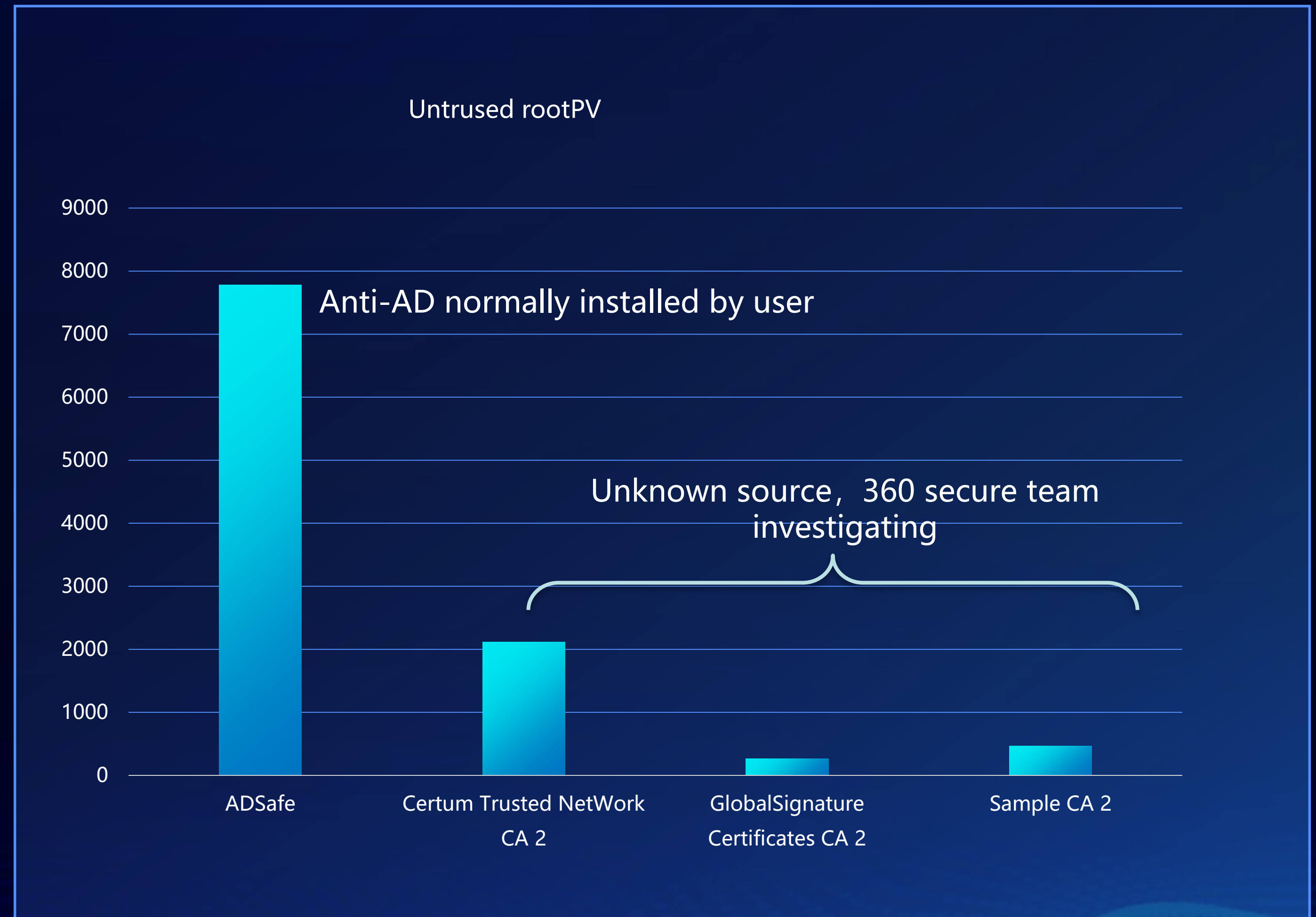
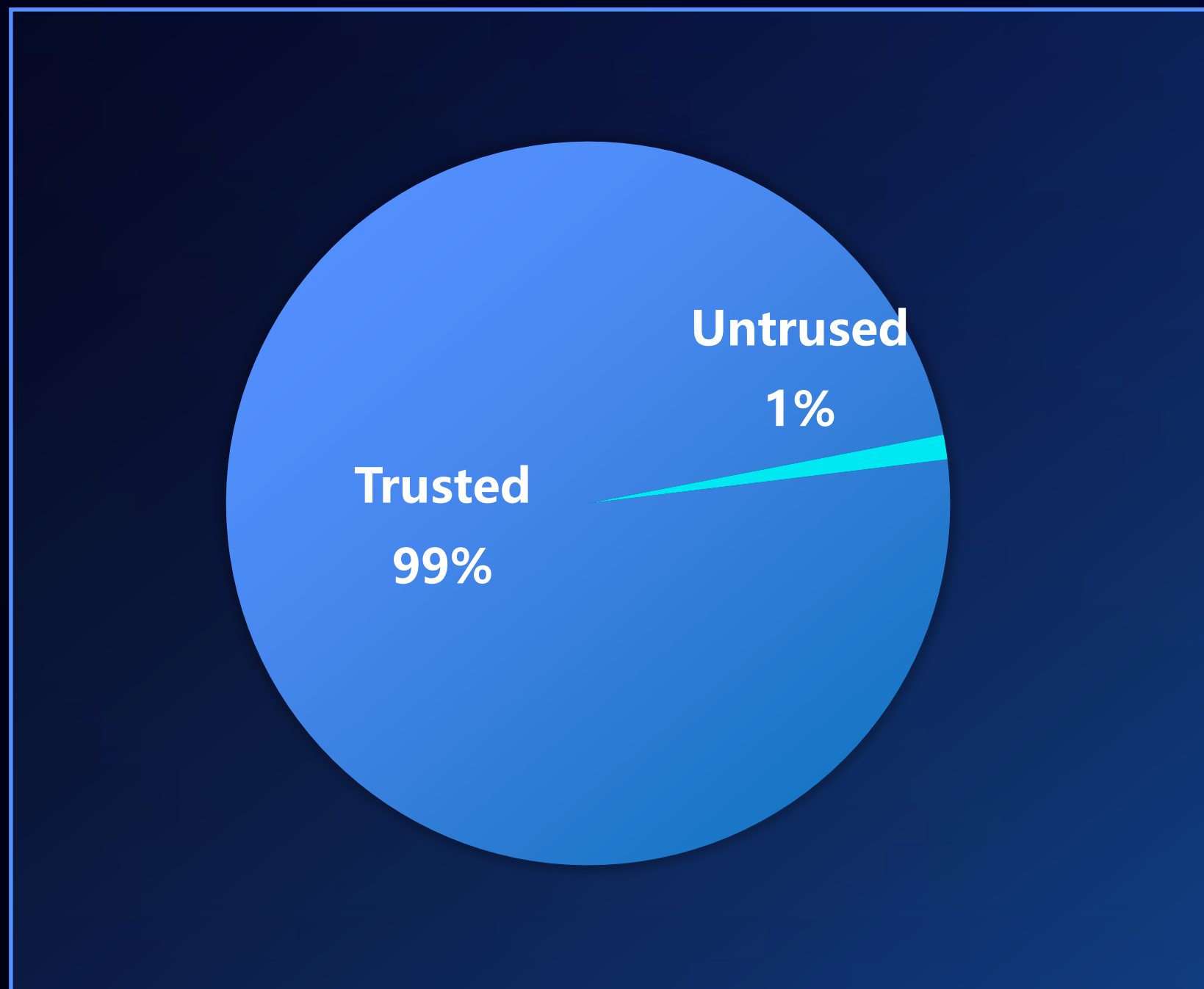
SSL Errors



Untrusted CA root risks



1% visit from Untrusted roots, Finance&Pay are under high risks



Category	Untrusted root PV	Level
Finance	Alipay1%, TenPay 2%, CCB1%	High
Shopping	Taobao 1%, JD 2%	High
Search Engine	Baidu 4%, Google 1%	Medium
Social Media	Weibo 3%	Medium

Extreme Browser 12 Preview release



Dual Engine:
Trident + Chromium 78

DoH Enabled
w/ 360 server

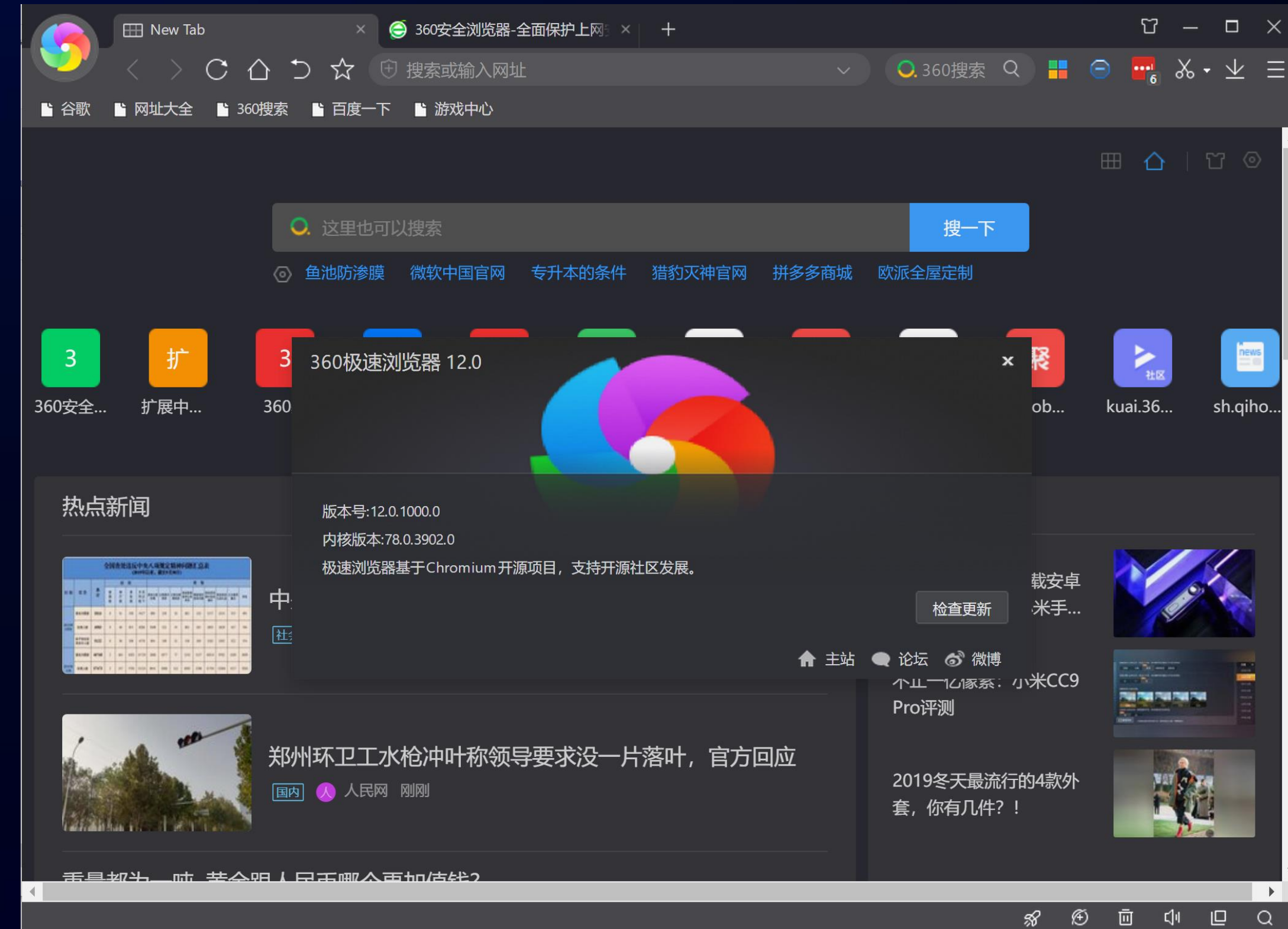
New Dark Theme



4K video support

Windows XP SP2+
NPAPI support

360 added
features



360 MiniApp



- Extend mini app from mobile to PC, more suitable to big screen
- Native user experience w/o browser UI with enhanced API support (170+)
- Centralized App publish/update/payment, full life cycle management
- Full toolchain support and developer community/activities, and empowered by 360 products ecosystem support
- Joint-effort on W3C CG and partners

360 导航

360 安全浏览器

360 搜索

360 安全卫士

快资讯

MiniApps Ecosystem Community Group

A community group to incubate work on MiniApps and serve as a base for analysis and proposals of specific work items

[More](#)

JOIN GROUP

Launched: 2019-09-19
Participants: 0



- Update all products to Chromium 78 based
- 360 CT log server setup
- CRLSets auto crawl support
- Untrusted roots investigation

Thanks

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