



# **WoSign Proposal**

## **at F2F Meeting**

### **in Beijing**

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Sept. 16-18, 2014

# Agenda

- Warmly Welcome
- CABF Centre Blacklist Database for Malware Signing
- EV Identity Vetting Remotely via Visual System

# 1.CABF Centre Blacklist Database for Malware Signing

**I propose this in Ankara meeting, but not move forward.**

- **Benefit:**

- (1) Centre Blacklist system shared for all CAs. The malware signer can't get code signing certificate from any CA once it is in the database.
- (2) All CAs check the new applicant name in this database before issue code signing certificate.
- (3) Best solution for notification and exchange revocation information between all CAs.
- (4) Support both online manual search and API for CAs.
- (5) The center place for all related party report all CA's code signing certificate misuse (Currently, must go to each CA website to find the report page)

- **WoSign can design this system and hosted in GoDaddy.**

- **Demo system:** <https://blacklistdb.wosign.com>

- (1) Case 1: Report a malware signed code signing certificate that it is revoked;
- (2) Case 2: Report a malware signed code signing certificate that it is not revoked, system will request to revoke it first
- (3) Case 3: Search by developer name

## 2. EV Identity Vetting Remotely via Visual System

- Real time video call is popular in China now, we are thinking about the possibility using the video call replace onsite validation, the application should have a video call to let CA see its office (front door to inner office) and business license in applicant hand, then CA take the screenshot for proof documents.
- To solve the problem for EV validation in China: (1) the lawyer opinion letter is too expensive, about US\$160-200; (2) onsite validation is also too expensive since China is too big, the travel cost is high.
- Question: if this solution meet the requirement of EV guideline? If not meet, if this solution is acceptable, if yes, can add it to EV guideline?

## 2. EV Identity Vetting Remotely via Visual System

- (1) Verify Applicant's existence and identity, including;
  - (A) Verify the Applicant's legal existence and identity
  - (B) Verify the Applicant's physical existence (business presence at a physical address), and
  - (C) Verify the Applicant's operational existence (business activity).
- (2) Verify the Applicant's authorization for the EV Certificate, including;
  - (A) Verify the name, title, and authority of the Certificate Requester



Video Screenshot

## Others

- We like to host a CT log server in China Internet backbone for Google or other CAs, we provide servers, bandwidth, IP, and daily maintenance for FREE. Sure, we want to use this log server for WoSign CA.



**Any questions?**

**Thank you!**