Trusted Internet Connection

K_{pub} & K_{priv}

Web server on the Internet

2. Einstein connects to the web server that the user indicated.

1. A US Government user types the URL of a remote web server, but the connection is intercepted by Einstein.

3. The Internet web server sends its certificate containing K_{pub} to Einstein.

KE_{pub} & KE_{priv}

4. Einstein uses K_{pub} to establish an encrypted connection with the server.

US Government web user

5. Einstein sends the web user a certificate with the remote server's name but with Einstein's KE_{pub} to establish an encrypted connection with the web user

6. The US Government web user accesses the remote website as before, but all web traffic originating from the user's computer is decrypted and analyzed by Einstein.