

SECURITY

DESIGN PRINCIPLES

GRAD SEC

SEP 28 2017



SECURITY DESIGN PRINCIPLES

Ensure complete mediation



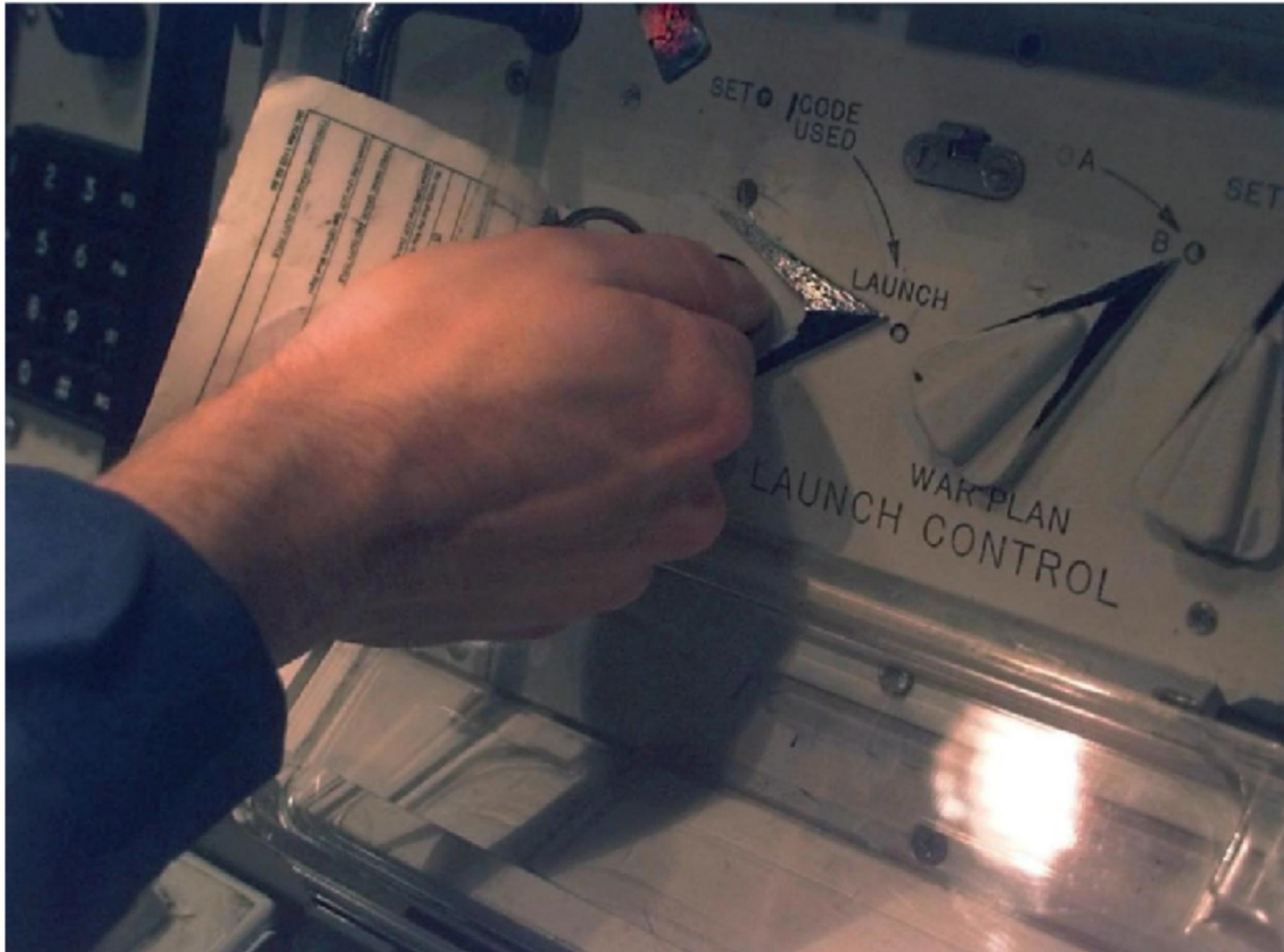
SECURITY DESIGN PRINCIPLES

Defense in depth



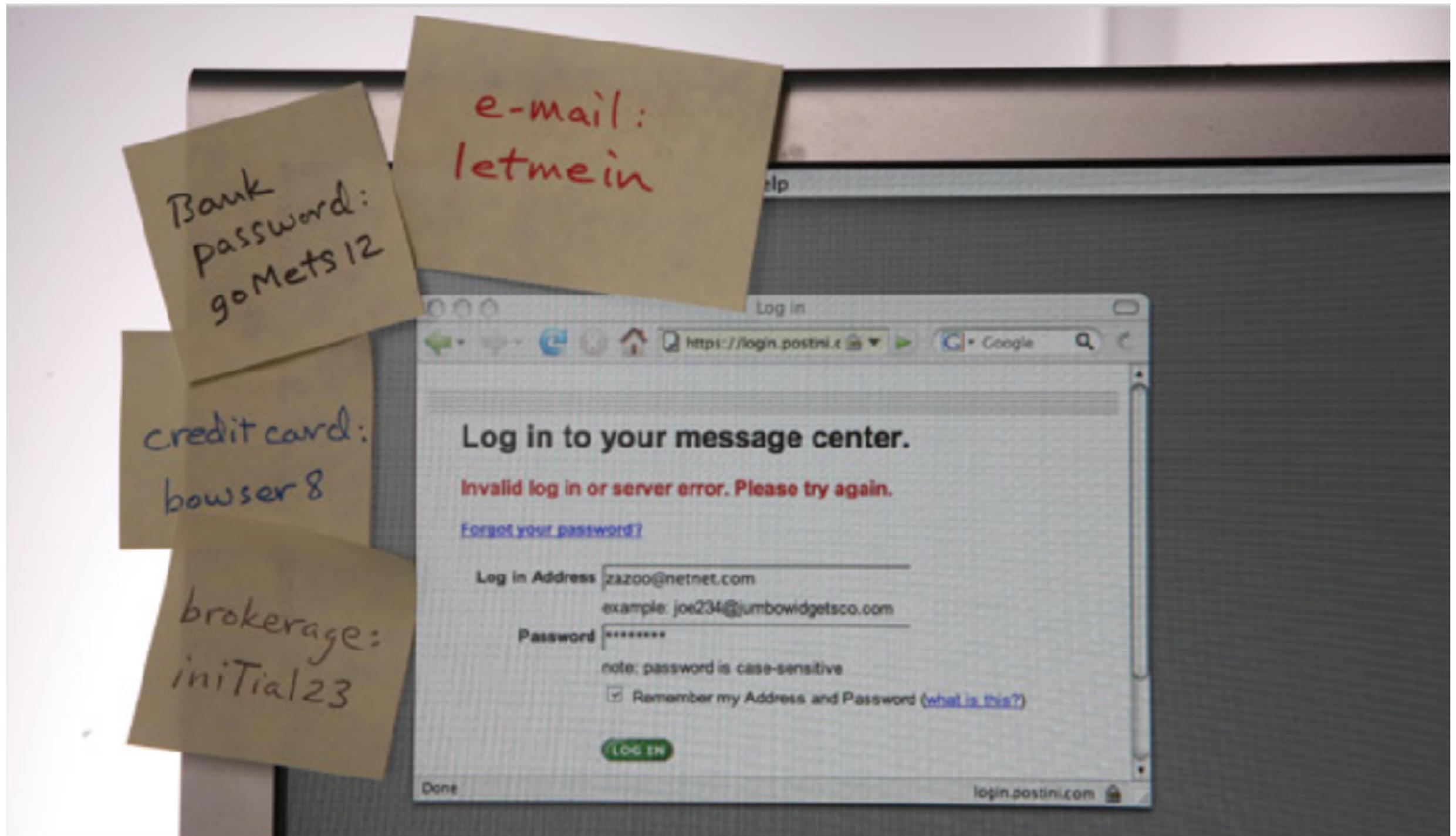
SECURITY DESIGN PRINCIPLES

Use separation of responsibility



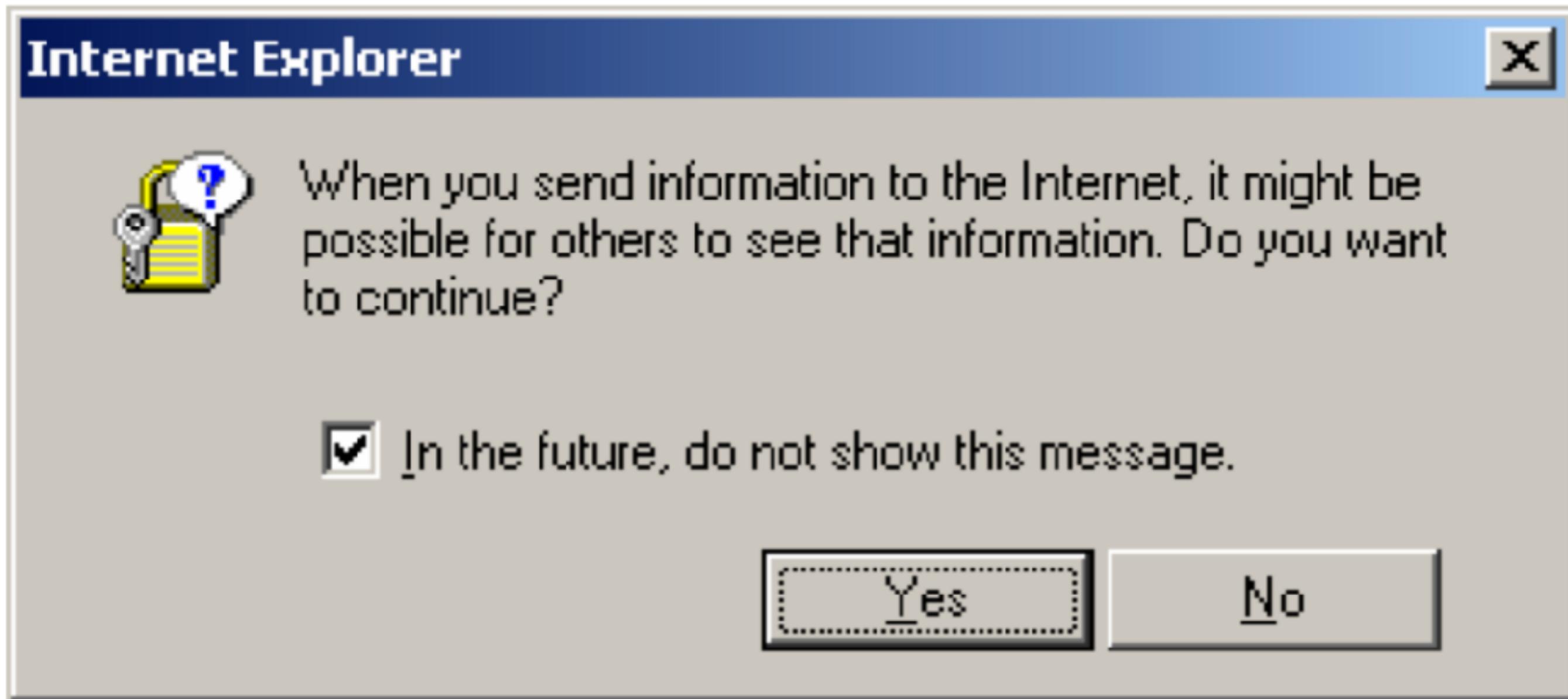
SECURITY DESIGN PRINCIPLES

Human factors matter:
Users must buy into the security



SECURITY DESIGN PRINCIPLES

Human factors matter:
The system must be usable



SECURITY DESIGN PRINCIPLES

Human factors matter:
The system must be usable



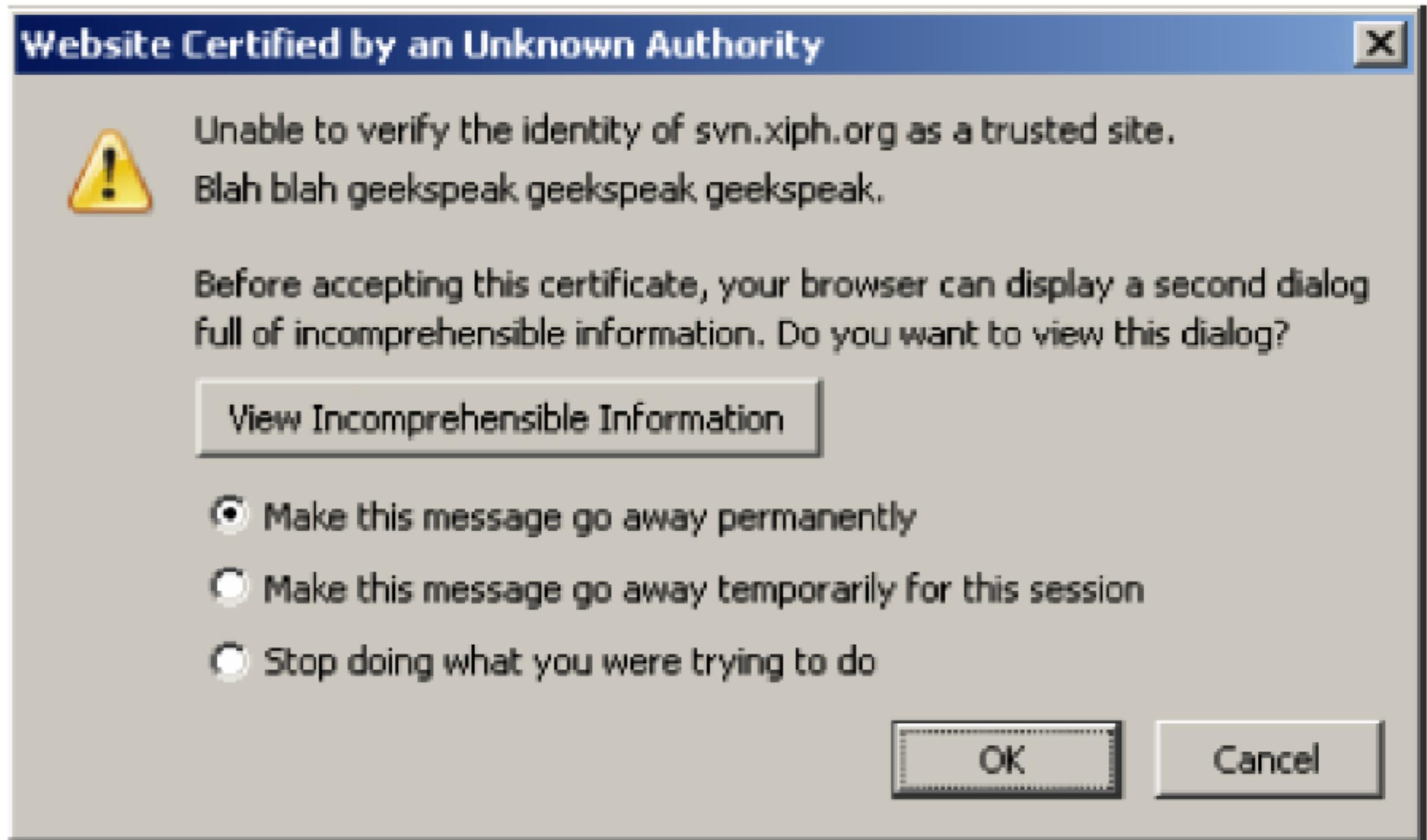
SECURITY DESIGN PRINCIPLES

Human factors matter: The system must be usable



SECURITY DESIGN PRINCIPLES

Human factors matter:
The system must be usable



SECURITY DESIGN PRINCIPLES

Ensure complete mediation

Principle of least privilege

Defense in depth

Use separation of responsibility

Human factors matter:

Users must buy into the security

The system must be usable