

# The Magnificence of the Disaster

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# Reasonable “speed bump” or Security and Privacy Nightmare?

First4Internet

surreptitiously installed a rootkit

SunnComm

installed over user's rejection

monitored and phoned home contrary to eula

created backdoor (privilege escalation vulnerability)

Installers

backdoor allowed drive-by downloads of code

# Anatomy of a disaster

Standard technology: Autorun

Standard disclosures (for the most part)

Lack of concern for externalities

Users hampered by lack of usable  
privacy and security

Security researchers hampered by law

Why did this happen?

Why hide software?

Why bury terms?

Why create security holes?

# Status quo, technology, & law



Digital Copying for Personal Use

CDs

DVDs

Expectations can become entrenched

## Resilient Expectations

# Disaster Avoidance

## Disclosures

standardized, shorter, timing, manner

## Limits

Costs of externalities = some exchanges  
should be prohibited

## Containment and escape

need for sandboxes, virtual machines and  
uninstall

# Lines of Defense

Security Researchers

Accountability (liability) for security risks

Usable Privacy and Security

# What's at stake?

drm facilitated offerings

End to end principle



# Partners

Aaron Perzanowski (on this paper and on DMCA rulemaking and client advice)

Jens Grossklags and Nathan Good on experimental research on notices

Noticing Notice: A Large-Scale Experiment on the Timing of Software License Agreements (Good, Grossklags, Mulligan, Konstan) CHI 2007