

Project 2501	22:30	01:00	Day: 4	Track: Security & Hacking	en
Chef: 2433	Lindworm: 5463	Emergency: 112	Security: 110	Heaven: 1023	Speakers Desk: 1020
Translation (check if available): 8011		Technical Coordinator: 1611			

Title: **TLS interception considered harmful**

Subtitle: How Man-in-the-Middle filtering solutions harm the security of HTTPS

Speaker: **hanno**

Short: *With the more widespread use of encrypted HTTPS connections many software vendors intercept these connections by installing a certificate into the user's browser. This is widely done by Antivirus applications, parental filter software or ad injection software. This can go horribly wrong, as the examples of Superfish and Privdog have shown. But even if implemented properly these solutions almost always decrease the security of HTTPS.*