



Dude, Who Stole My Software?

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*Peace. Love
& Interoperability*

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EDAC Anti-Piracy

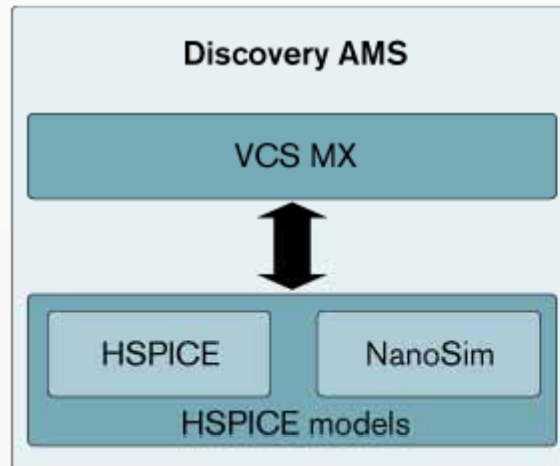
- **Piracy and overuse accounts for an estimated 1/3 of worldwide use of EDA software**
- **An issue in every country using EDA software**
 - Some regions with low piracy rates have high number of infractions (like the US)
- **Some ways piracy affects us**
 - Lower revenue to publishers affect investment in the future
 - Unfair competition from companies not paying for EDA tools
 - Compliance is more difficult

EDAC Anti--Piracy

- Counter-measures and where end-users may care
 1. Tamper-resistant licenses (stop counterfeit licenses)
 - Commonly used today – no impact on compliant users
 2. Tamper-resistant code (stop crack that skips licensing)
 - Emerging today – no impact on compliant users
 - Two approaches being studied
 - ❖ Prevention through hardening
 - ❖ Detection with phone-home on infraction

Cracked Software Examples

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EDAC Anti-Piracy

- Counter-measures and where end-users may care
3. WAN control (stop one license following the sun)
 - Enforcement by small number of tools today
 - Likely to increase in the future
 - Could have an impact on honest users who are not compliant to the letter of the agreements
 4. Tamper-resistant hostid (stop cloning license servers)
 - Emerging in next couple of years
 - Could have significant impact on VMs and Disaster Recovery
 - EDAC recommendations will take customer needs into account