BRAZIL REDUX

Short Circuiting Tech-Enabled Dystopia with The Right to Repair

Why are we doing this panel?

- To get you informed
- To get you engaged
- To get you involved

Harry Tuttle. Heating engineer at your service!



Play>>

WHAT IS RIGHT TO REPAIR?

What do right to repair laws require?

tl;dr - Right to Repair Laws…

- If you manufacture a product and…
  - (a) *You have authorized service (offered by the OEM or an authorized service provider) and…*
  - (b) *You have diagnostic software, tools, information (service manuals, schematic diagrams) and parts that you make available exclusively to your authorized service providers, then…*

    You must make that information, those tools and parts available to *device owners* and *independent repair professionals* at a fair and reasonable cost. (You can't lock them out.)



DOWN THE ANTI-REPAIR RABBIT HOLE...

Anti-Repair: Ownership “It’s Complicated.”



Anti-Repair: Securable or Repairable… Pick One



Anti-Repair: Source Code! (*mumble mumble*) Private Keys! (*mumble*) Overreach!





Anti-repair: patches = source code & patching = hacking



Our Panel...



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Join SecuRepairs:
Security Professionals for a Fixable Future

- Pronounced “Secure Repairs”
- Founded in 2018
- “Fixable Stuff is Secure Stuff.”
- Organize the information security and IT communities on behalf of right to repair.
- 200+ members including many cyber security luminaries and subject matter experts
- Mission: counter OEM/industry FUD (fear, uncertainty, & doubt) about cyber risk and repair

securepairs.org
security professionals for a fixable future

Join us!

Web: securepairs.org

Twitter: @securepairs

LinkedIn: /groups/12333319/

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APPENDIX: EFF SLIDES



You Bought It, You Own It. But You Can’t Fix It.

Subtitle goes here

Software is ubiquitous

If Software => ©

If © => Restrictions

EULAS (end use license agreements)

You bought it but you don’t really own it

=>

No freedom to tinker (make, break,

reuse, recycle, *repair*)

Xbox 360 EULA

“You can't use unauthorized software or hardware to access the Services, nor can you modify an Authorized Device in any unauthorized way (e.g., through unauthorized repairs, unauthorized upgrades, or unauthorized downloads).”

DRM + DMCA

=>

Further limits on freedom to tinker (make, break, reuse, recycle, *repair*)

(not to mention freedom of expression)

But here’s the dumbest part

If manuals => © (sort of)

+ “trade secrets”