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!
WHAT IS RIGHT TO REPAIR?

What do right to repair laws require?
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
Join us!

Web: securepairs.org
Twitter: @securepairs
LinkedIn: /groups/12333319/
Facebook: groups/securepairs/
APPENDIX: EFF SLIDES
You Bought It, You Own It. But You Can’t Fix It.
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”