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# It's Time to Jailbreak the Farm!

How we can liberate farms and farmers with  
free software



# Our Panel



**Paul Roberts**  
Founder, Secure Repairs  
**@paulfroberts**  
**@securepairs**



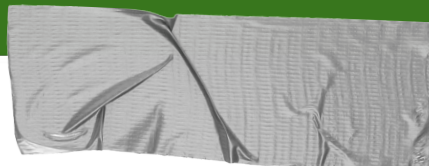
**Elizabeth Chamberlain**  
Director, Sustainability,  
iFixit  
**@liz\_ifixit**



**“Sick Codes”**  
Independent Researcher  
**@sickcodes**



**Kevin Kenney**  
Nebraska farmer  
Right to Repair activist



# 1. Agenda

**Here's how** it's going to go down.

→ **Introductions**

We'll introduce ourselves and our connection to the Ag issue.

→ **Short presentations**

Each panelist will give a short presentation summing up their main points/ideas on liberating Ag with free software. .

→ **Discussion/Questions**

Free-wheeling discussion of the need for software-fueled liberation on the farm.

# PAUL ROBERTS

“Success will be creating laws that enable your neighbor to start a little business on your Main Street **TO DO REPAIRS**. You call Jim or Susan to do the diagnosis and fix it. Save the planet and save your wallet, all while creating wealth in our society.”



If you bought this...



You can make this



If you bought this...



You can make this



**But this...?**



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# Key points

- Ag equipment is the front lines of fight to repair
  - BigAg business models are a harbinger
  - Free software is the foundation of Ag ecosystems
  - Liberating (aka “jailbreaking”) ag equipment using free software will:
    - Liberate farmers and ag communities
    - Spur innovation
    - Improve product quality
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## Elizabeth Chamberlain

Free, open source software and the Right to Repair movement share a heart:

**WHEN YOU BUY**

**SOMETHING, YOU**

**SHOULD OWN IT!** You

should have the right to open it, look inside it, examine what makes it tick—and maybe even make it tick in a new way.

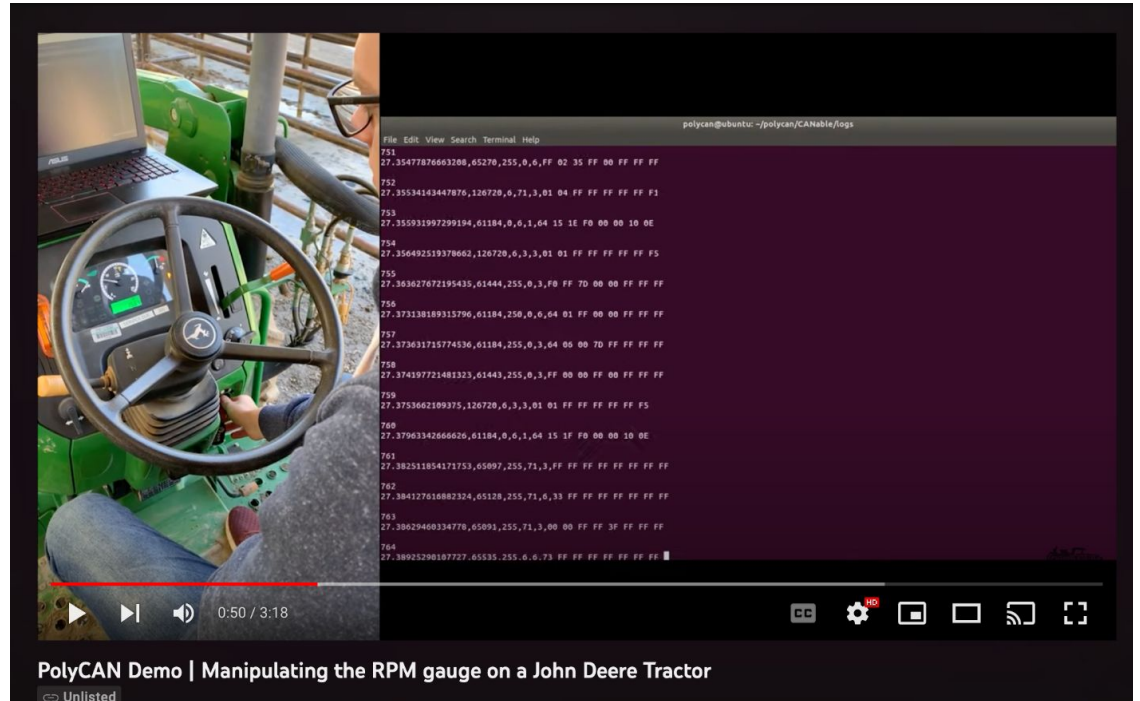
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# Key points

- Source Code = Repair Power
  - Open Source = Open Repair Economy
  - Open Source = Repair's Secret Weapon
  - The Future of Right to Repair and Open Source
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# Cal Poly Research

View the whole video!



# KEVIN KENNEY

“It is my hope that free software innovators in this audience can visualize an

## UNLOCKED TRACTOR

Both legacy and new tractor technologies, could empower farmers, restore ownership and promote on-farm innovation.”



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# What is running tractor displays?

## John Deere

- Legacy: 2600/2630 Displays - *Windows CE*
- Current: Gen 4 Displays - *Linux* (Sick Codes ran Doom on this!)

## CASE IH

- Legacy: Pro 600/700 Displays - *Android*
- Current: Pro 1200 Displays - *Android*

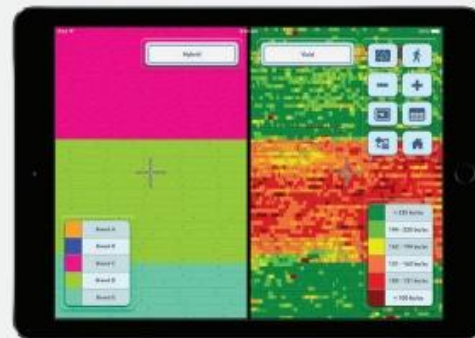
## Ag Leader

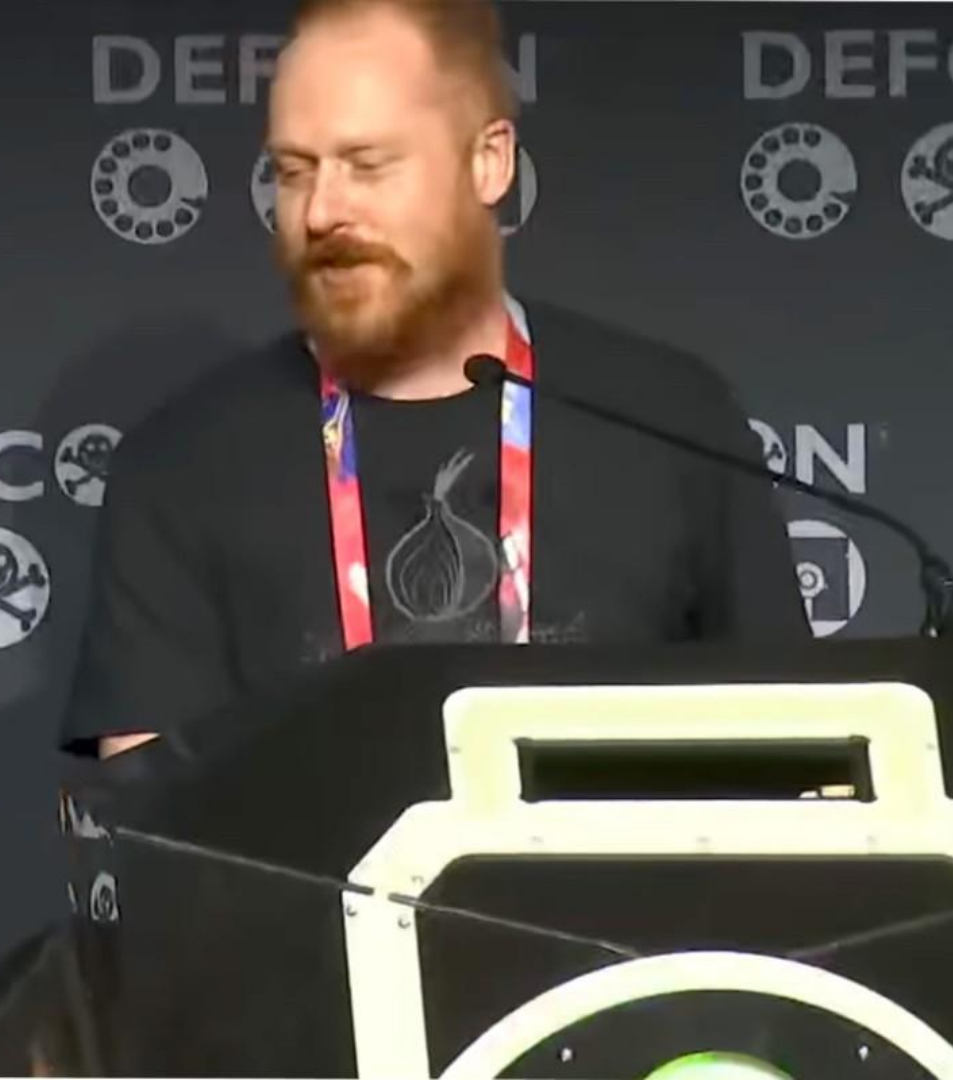
- Legacy: Integra Displays - *Android*
  - Current: InCommand Displays - *Android*
-

# Kicked out the cab...

- › Connect your Climate FieldView™ Cab App to the John Deere Wireless Data Server (WDS)

The collaboration between Climate FieldView™ and John Deere easily allows farmers to harness the power of John Deere equipment and the Climate FieldView platform.





## “Sick Codes”

Is your food farmed using Free Software?

Do you have the freedom to choose between food farmed using free software, and non-free software?

**DOES IT EVEN MATTER?**

**Discussion...**





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# Thank you!

Source: Kevin Kenney