Exploring Judicial Technology

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'The illiterate of the 21st century will not be those who cannot read or write, but those who cannot learn, unlearn and relearn'

- Alvin Toffler
Law + (Tech + Design + Delivery)
Judicial Technology (JudTech) = The technology concerned with the delivery of judicial services
I. Access to Justice

If you’re in debt, bankruptcy is a lifeline. Our nonprofit helps you file for bankruptcy for free, guiding you through every step.

Easy Access to Court Records & Legal Analytics.
II. Legal Advice

A better law firm for startups

Atrium is a full-service corporate law firm that uses modern technology to give startups a legal experience that is fast, transparent, and price-predictable.
Judiciary + (Tech + Design + Delivery)

Communication Security
Storage Security
Work Management
Data Analytics
AI Analysis
eDiscovery
Security

Products and capabilities

HackingTeam enables clients to perform remote monitoring functions against citizens via their RCS (Remote Control Systems), including their Da Vinci and Galileo platforms.[4]

- Covert collection of emails, text message, phone call history and address books
- Keystroke logging
- Uncover search history data and take screenshots
- Record audio from phone calls
  - Capture audio and video stream from device memory to bypass cryptography of Skype sessions[11]
  - Use microphones on device to collect ambient background noise and conversations
- Activate phone or computer cameras
- Hijack telephone GPS systems to monitor target's location
- Infect target computer's UEFI BIOS firmware with a rootkit[12]
- Extract Wi-Fi passwords[10]
- Exfiltrate Bitcoin and other cryptocurrency wallet files to collect data on local accounts, contacts and transaction histories.[14]

HackingTeam uses advanced techniques to avoid draining cell phone batteries, which could potentially raise suspicions, and other methods to avoid detection.[13][16]

The malware has payloads for Android,[13] BlackBerry, Apple iOS, Linux, Mac OS X, Symbian, as well as Microsoft Windows, Windows Mobile and Windows Phone class of operating systems.[17]

RCS is a management platform that allows operators to remotely deploy exploits and payloads against targeted systems, remotely manage devices once compromised, and exfiltrate data for remote analysis.
Why?

1. Qualitative Understanding of Technological Cases

2. Quantitative Facilitation of Case Management/Flow

3. Higher Efficiency in Implementation of Judicial Strategy
Questions:

1. To what extent would you review automated judicial decisions?

The CJEU ruling in Achmea: Death Sentence for Autonomous Investment Protection Tribunals

Analogy with Arbitration
Questions:

2. To what extent would you incorporate JudTech solutions in your workflow?
Questions:

3. How can JudTech help you today?
Thank you!