

A Window into Internet of Things

Privacy:

Privacy Ratings for Internet-Enabled Health and Medical Devices

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Taking a pulse on IoT

Proactive initiative

- Research
- Observation

Educate and guide

- No enforcement actions

Prescription Used

Procedures

- Data in motion
 - interception
- Data at rest
 - storage
- Security
 - SDK
 - Passwords
 - Versions used
 - Pairing
- Practices
 - Passwords and keys
 - Always On



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Commissariat à la protection de la vie privée du Canada

The 10 Principles

1. Accountability	6. Accuracy
2. Identifying Purposes	7. Safeguards
3. Consent	8. Openness
4. Limiting Collection	9. Individual Access
5. Limiting Use, Disclosure and Retention	10. Challenging Compliance

Observation

Limiting Collection

- Number of data elements gathered

Limiting Disclosure

- Number of third parties data shared with

Safeguards

- Security of data stored and transmitted

Individual Access

- Ability to modify or delete data

Consent

- Number of optional vs mandatory elements

Prognosis

Scoring overview

Amount of data collected was varied

Sharing was not as high as we expected

Well established medical companies had better safeguards

Scrubbing data not always easy or possible

Controls over what was collected was not good