SURVEILLANCE TECHNOLOGIES DRAFT SPECIFICATION

PDXPrivacy – April 15, 2024

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Portlanders are saying …

Porch cameras are everywhere now. Can they be used in a way that harm to the community?

My friend’s employer records her on camera to make sure she is being productive at work. That seems invasive.

I attended a protest downtown and I heard that the police were taking footage of the crowd.

When I use Biketown or Parking Kitty, I wonder if my personal information is being stored or shared.
Surveillance technologies policy
What are surveillance technologies?

Surveillance technologies are equipment or information systems that collect data from people's lives and their social, work, and/or physical interactions. This information includes identity, movements, culture, linguistic knowledge, nature, and history of an individual or group of individuals.
Surveillance technologies include

- Automated license plate readers
- Body worn cameras
- CCTV and security cameras
- Connected transportation
- Digital kiosks
- Drones
- Gunshot detectors
- Red light cameras
- Facial recognition
- Geolocation services
- Public Wi-Fi
- RFID/Bluetooth
- Smart payment/ Smart meters
- Social networks monitoring
What surveillance technologies are NOT

- Technologies that detect events without tracking people like traffic sensors, air temperature sensors, or emergency alarms.

- Information systems for generic data processing including spreadsheets, data dashboards, or geographic information systems (GIS).

- Anonymized collection of information.
Surveillance technologies 2023 resolution

Portland City Council passed an initial surveillance technologies resolution last February 1st. This policy has five directives:

1. Citywide surveillance technologies inventory.
2. Accountability, oversight, and effective public involvement.
3. Implement privacy impact assessments.
4. Design a citywide privacy program.
5. Automated decision systems.
Surveillance technologies inventory - Design

Public participation to build transparency in technology and information
Specification description
Scope of the draft surveillance technologies inventory specification

• Applies to surveillance technologies owned the City of Portland.
• This inventory only applies to City of Portland bureaus and agencies.
• This inventory does not apply to surveillance technologies owned by other jurisdictions or private entities in Portland.
Example

Technology

License Plate Reader

Use

PBOT: Parking enforcement

Device

SW Beaverton
Hillsdale Highway
near 35th Avenue

NE Seventh
Avenue and Lloyd
Boulevard

SE 122nd Avenue
near Reedway
Street

SE Division Street
near 150th
Avenue

NE Sandy
Boulevard near
75th Avenue

PPB: Stolen
vehicles tracking
Surveillance Technologies Catalog/Directory

- Automated License Plate Readers
- Body-worn Cameras
- Camera Registry (security, FLIR, 360-panoramic)
- Red light and speeding cameras
- Drones
- Biometrics*
- Ring/Neighbors Partnership*
- Social media monitoring
Surveillance Technologies Management

City Technology Standards - Standards provide a consistent set of tools for the development and efficient maintenance of the City of Portland's Information Technology infrastructure.

https://www.portlandoregon.gov/bts/article/44978
Other Cities
Policy and rulemaking

• An admin rule that implements the surveillance technologies policy.
• This internal policy may include a *PIA manual or handbook* and a *directory or catalog* of applications of surveillance technologies.
• PIAs will be publicly available.
• Surveillance inventory will refer these PIAs.
• Authority and responsibilities (central and in bureaus) will be defined in admin rules.
Surveillance technologies inventory
Surveillance technologies inventory

The specification includes a header and management and version control features.

Information about the technology comes in the body of the specification.
Use and application.

- Justification of the technology
- Description of the use
- Risks and impacts of this technology
- Terms of use and privacy statements
- Processes that use this technology.
Data.

• Type of data collected
• Who has access to data
• Sensitive information collected
• Where is data stored? (city, vendor, third-parties)
• Is this data used for resale?
• Can this data be downloadable by the public?
• Is this data available for other purposes?
• Retention time
• How is data protected?
Processing.

- Processing description
- Open Source?
- Information protection and cybersecurity
- De-identification or privacy measures
- Artificial Intelligence uses
- Processing impact assessment
## Oversight

<table>
<thead>
<tr>
<th>Type of monitoring</th>
<th>Performance measures of the technology</th>
<th>Type of supervision</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of human interventions and input</td>
<td>Compliance</td>
<td>Fiscal information</td>
<td>Operations description</td>
</tr>
</tbody>
</table>


Mandatory fields

- Surveillance name
- Purpose of the technology
- Status
- Vendor information
- Geolocated flag
- Justification of the technology
- Impact and risk assessment
- Privacy policy
- Who has access to data
- Processing description
- Type of monitoring and supervision
New Timeline

- **Final specification version**
  - **May 2024**

- **Start Technology inventory (Technology Assessments)**
  - **Fall 2024**

- **Implementation of reporting App.**
  - **Q4 2024**

- **Implementation of collection app.**
  - **Summer 2024**

- **Start of uses of surveillance collection**
  - **Late Fall 2024**

- **Start of priority devices collection.**
  - **Q4 2024**
Recent comments and observations

Need a field for technology of end of life.

Agency privacy self-assessments might not be enough. There is still a central validation process, including legal, equity/human rights, and technical aspects.

Normalization of risks

Mandatory vs optional fields
Feedback

Portland's surveillance technologies inventory specification

This form will be used to provide feedback on the fields described in the first draft of the City of Portland's surveillance Technologies Inventory specification, released on February 2024.

Download the specification.

By email to smartcitypdx@portlandoregon.gov
Comments and Questions
The City of Portland is committed to providing meaningful access. To request translation, interpretation, modifications, accommodations, or other auxiliary aids or services, contact 311, Relay: 711.

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