



# SURVEILLANCE TECHNOLOGIES DRAFT SPECIFICATION

PDXPrivacy – April 15, 2024

**Hector Dominguez**

Open data and privacy coordinator  
Smart City PDX program  
Bureaus of Planning and Sustainability



THE BUREAU OF  
**PLANNING &  
SUSTAINABILITY**

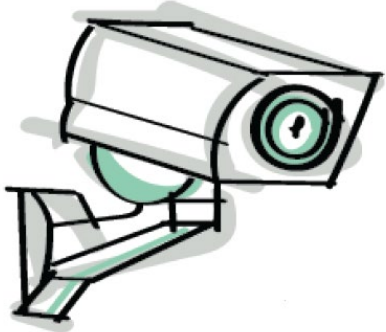
Architectural blueprints are shown on the left side of the slide, partially unrolled. They feature various technical drawings, including floor plans and sections, with numerous numerical dimensions and alphanumeric labels. The blueprints are set against a light blue, textured background that resembles a wooden surface.

# Contents

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- Scope of the draft specification
- Framework of the specification
- Description of the specification
- Example

# 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.



Report of public engagement for the surveillance technologies policy



# Surveillance technologies policy

# What are surveillance technologies?

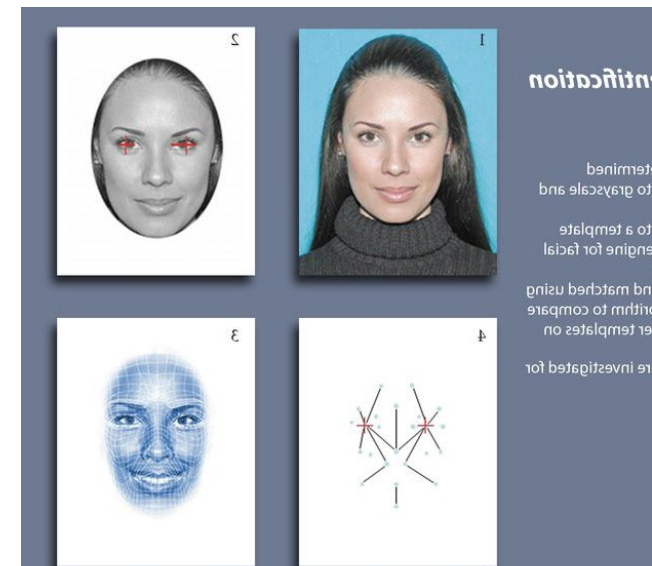
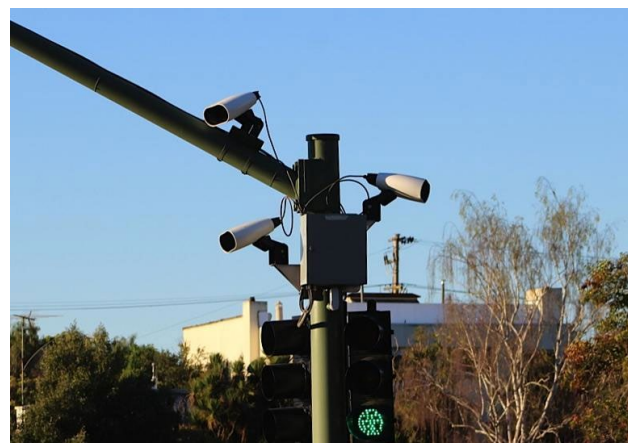
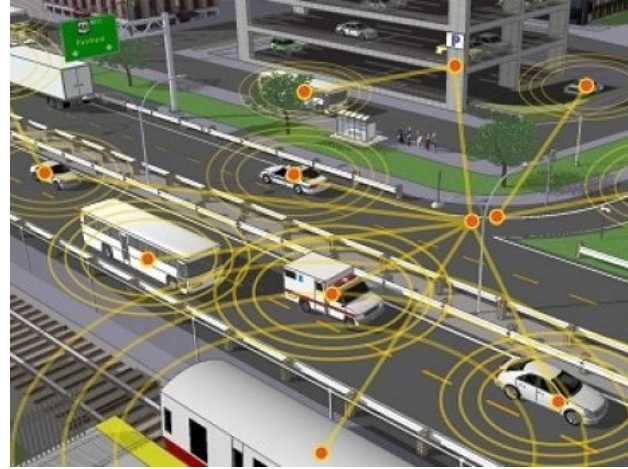
Surveillance technologies are equipment or information systems that collect data from people's lives and their social, work, and/or physical interactions.

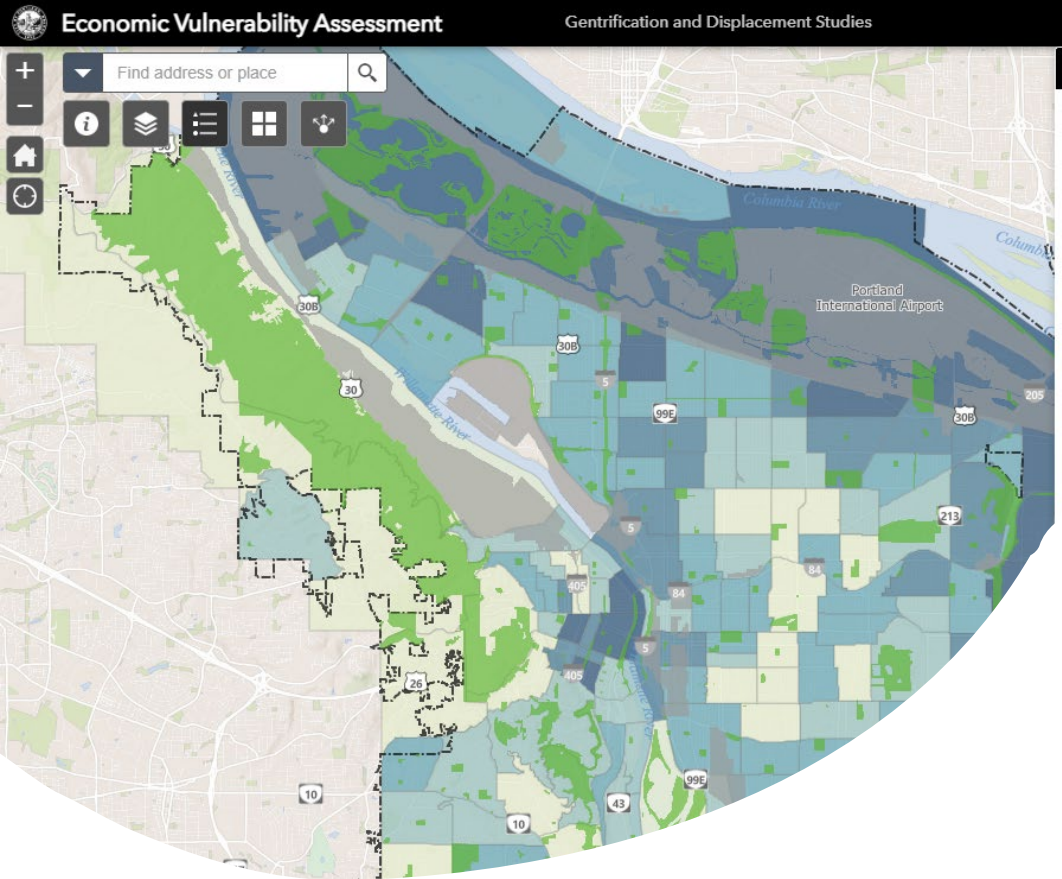
This information includes identity, movements, culture, linguistic knowledge, nature, and history of an individual or group of individuals.



# 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:



Citywide surveillance technologies inventory.



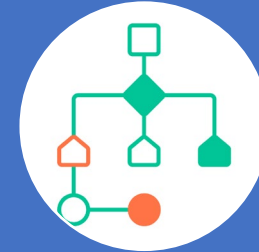
Accountability, oversight, and effective public involvement.



Implement privacy impact assessments



Design a citywide privacy program.



Automated decision systems.

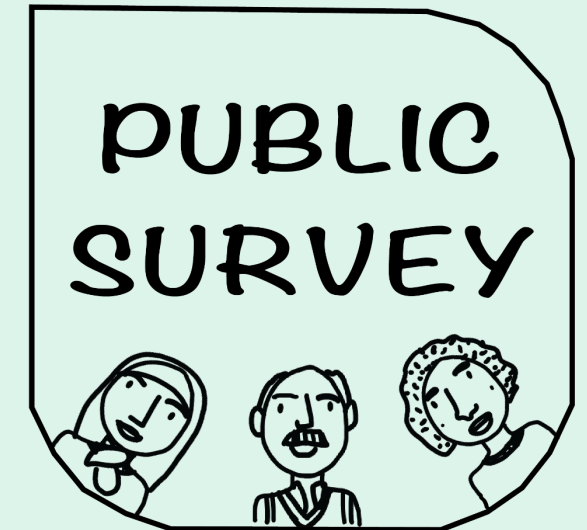




# Surveillance technologies inventory - Design

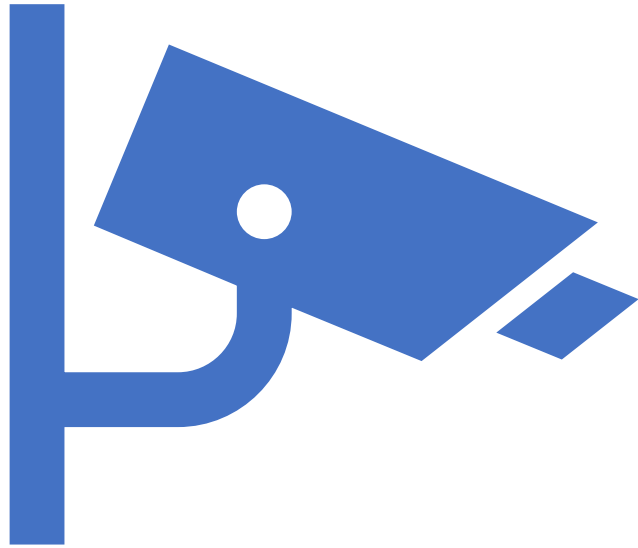
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Public participation to  
build transparency in  
technology and  
information





# 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.

# Specification structure

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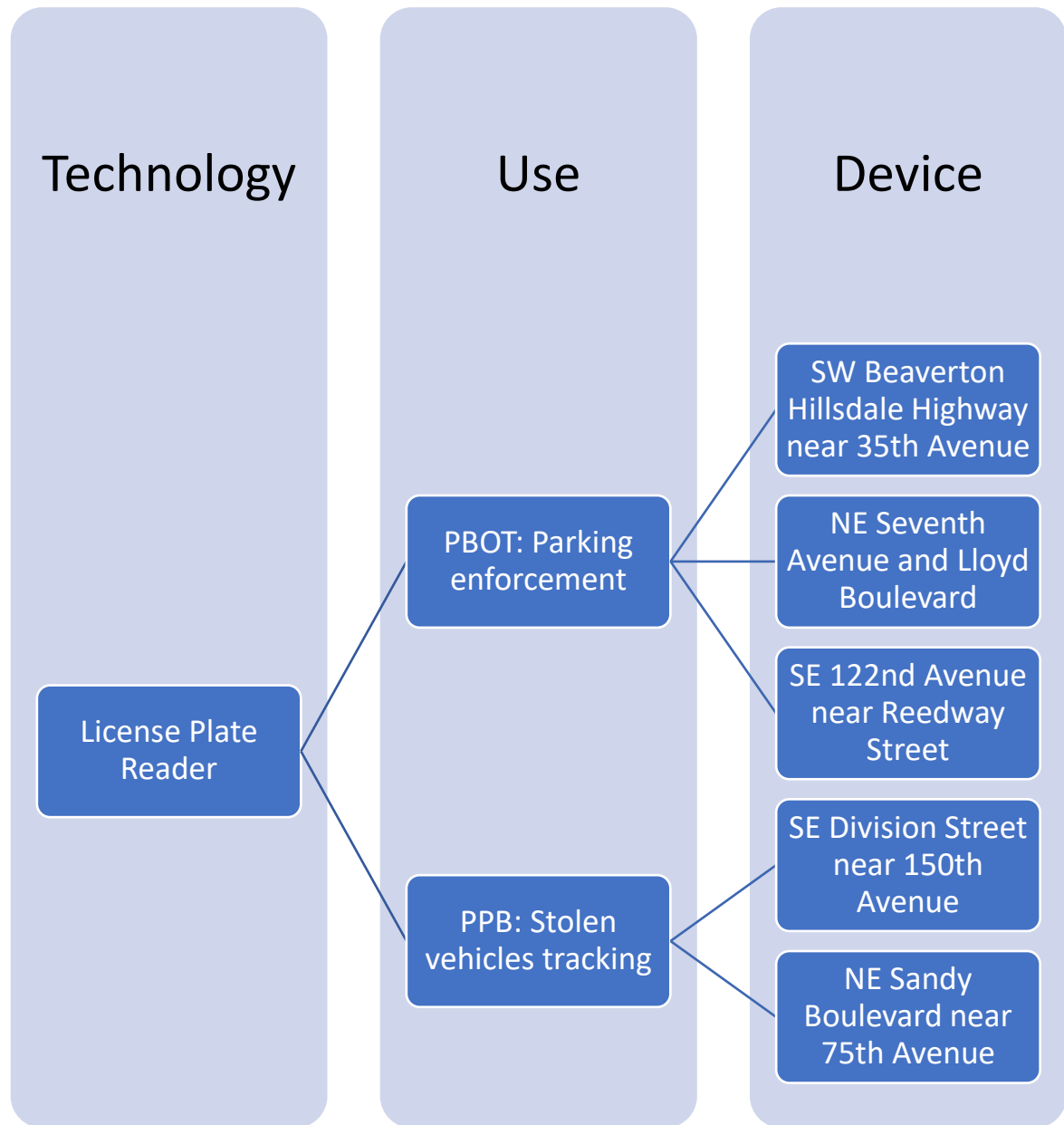
**Devices**



**Applications  
and uses**

**Technology**

# Example



# 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>

## Technology Standards Directory



City of Portland, Oregon  
Bureau of Technology Services

Summer 2021  
Adopted September 14, 2021

Updated January 18, 2022

# Other Cities

Seattle IT  
**Surveillance Technology Criteria Review**  
 1/8/2021

**Technology Description**

Technology Name	Seattle Justice Center Interview Room Camera Replacement
Description	SPD is going to replace the end-of-life interview room cameras in the Homicide and Sexual Assault/Domestic Violence Units at the Seattle Justice Center. The replacement includes cameras, software, and storage all vendor managed. This system will replace the existing G
Department	SP

**Criteria**

Does the technology...  
 Yes  
 No

Do any of the following...  
 Yes  
 No

Do any of the included...  
 N/A

**Result**  
 Does the technology...

POWERFUL TECHNOLOGY SOLUTIONS FOR THE CITY AND PUBLIC WE SERVE

2018 Surveillance Impact Report  
**LICENSE PLATE READERS**  
 SEATTLE DEPARTMENT OF TRANSPORTATION

May 7, 2019

Seattle Information Technology



## Surveillance Impact Report

Social Media Management Software  
 San Francisco Human Services Agency

As required by San Francisco Administrative Code, Section 19B, departments must submit a Surveillance Impact Report for each surveillance technology to the Committee on Information Technology ("COIT") and the Board of Supervisors.

The Surveillance Impact Report details the benefits, costs, and potential impacts associated with the Department's use of social media management software.

### DESCRIPTION OF THE TECHNOLOGY

The Department's mission is: We are committed to delivering essential services that support and protect people, families, and communities. We partner with neighborhood organizations and advocate for public policies to improve well-being and economic opportunity for all San Franciscans.

The San Francisco Human Services Agency (SFHSA) Communication Division's mission is to effectively convey information about the vital services that support and protect the people, families, and communities of San Francisco. Our team is responsible for informing San Franciscans of relevant program updates and information, while presenting this information in a timely and highly accessible manner.

In line with its mission, the Department uses social media management software to do the following: Social media management software is essential to helping the SFHSA Communications team increase awareness and understanding of the many SFHSA programs with a wider audience.

Social media management software will be used to monitor our social media channels in real time, plan and schedule publication of content, and track public engagement and opinion. Most importantly, we will be able to track social media analytics, which will help us understand which messages resonate most with our audience, helping us refine our communications strategy. Social media management software will allow us to be more efficient and strategic in achieving our mission of informing our clients about vital program information.

The Department shall use social media management software only for the following authorized purposes:

#### Authorized Use(s):

- Plan and execute more effective and strategic campaigns across social media platforms.
- Schedule multiple social media posts in advance.
- Create and publish/post multiple streams of content across various social media platforms

#### Surveillance Oversight Review Dates

PSAB Review: Recommended on 08/26/2022

COIT Review: Recommended on 09/15/2022

Board of Supervisors Approval: TBD

Surveillance  
 Annual Report  
 July 2021

BART



# Policy and rulemaking

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- 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

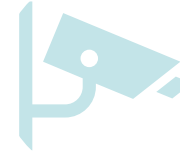
# Surveillance technologies inventory

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

Information about the technology comes in the body of the specification.



Basic information.



Uses and applications.



Data.

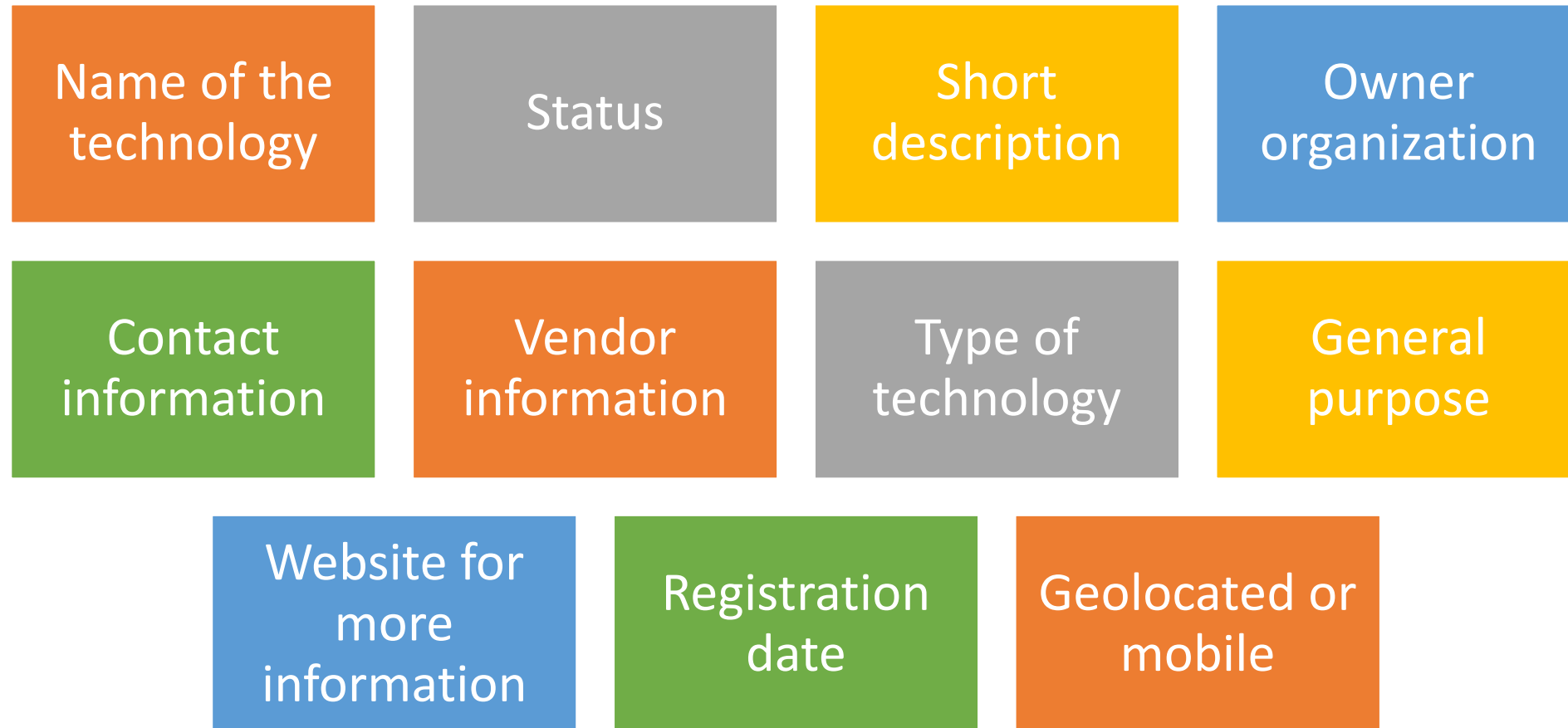


Processing.



Oversight.

# Basic Information



# Use and application.

Justification of the technology

Description of the use

Risks and impacts of this technology

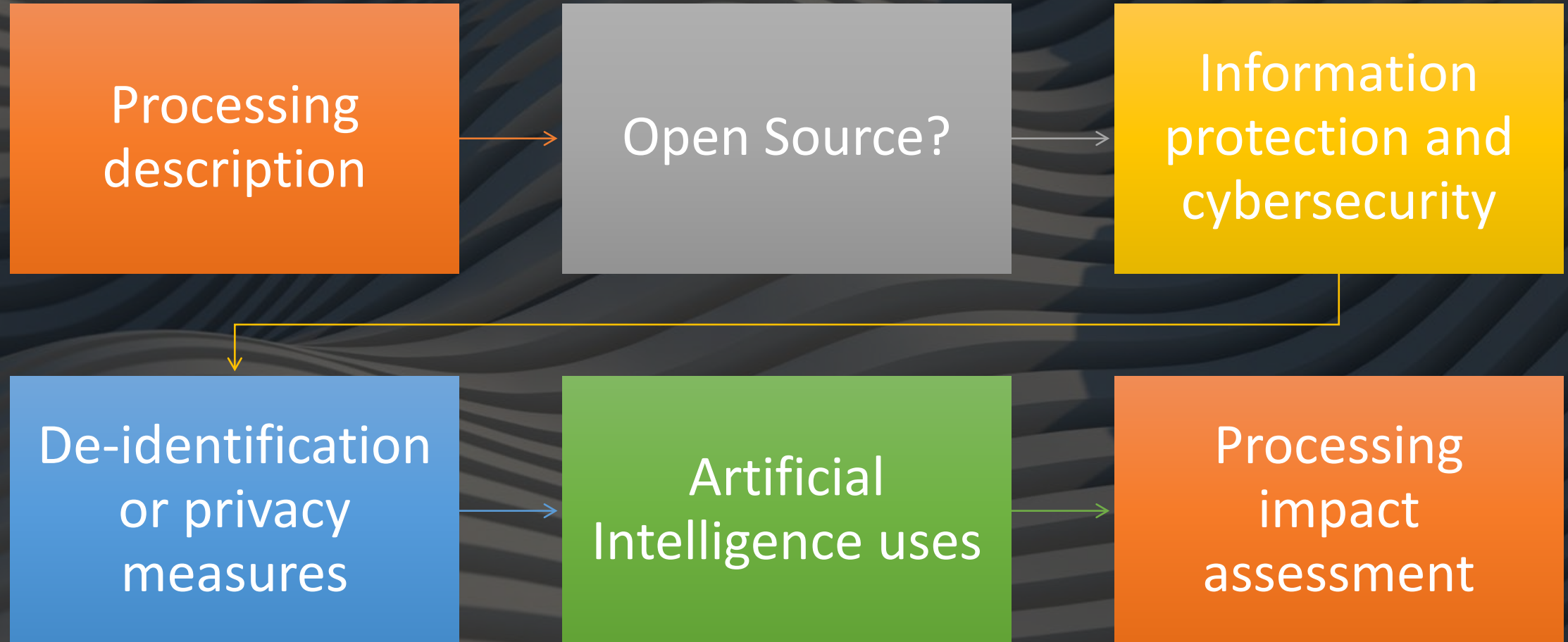
Terms of use and privacy statements

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.



# Oversight.

Type of monitoring

Performance measures of the technology

Type of supervision

Approvals

Type of human interventions and input

Compliance

Fiscal information

Operations description



# Mandatory fields

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Surveillance name

---

Purpose of the technology

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Status

---

Vendor information

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Geolocated flag

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Justification of the technology

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Impact and risk assessment

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Privacy policy

---

Who has access to data

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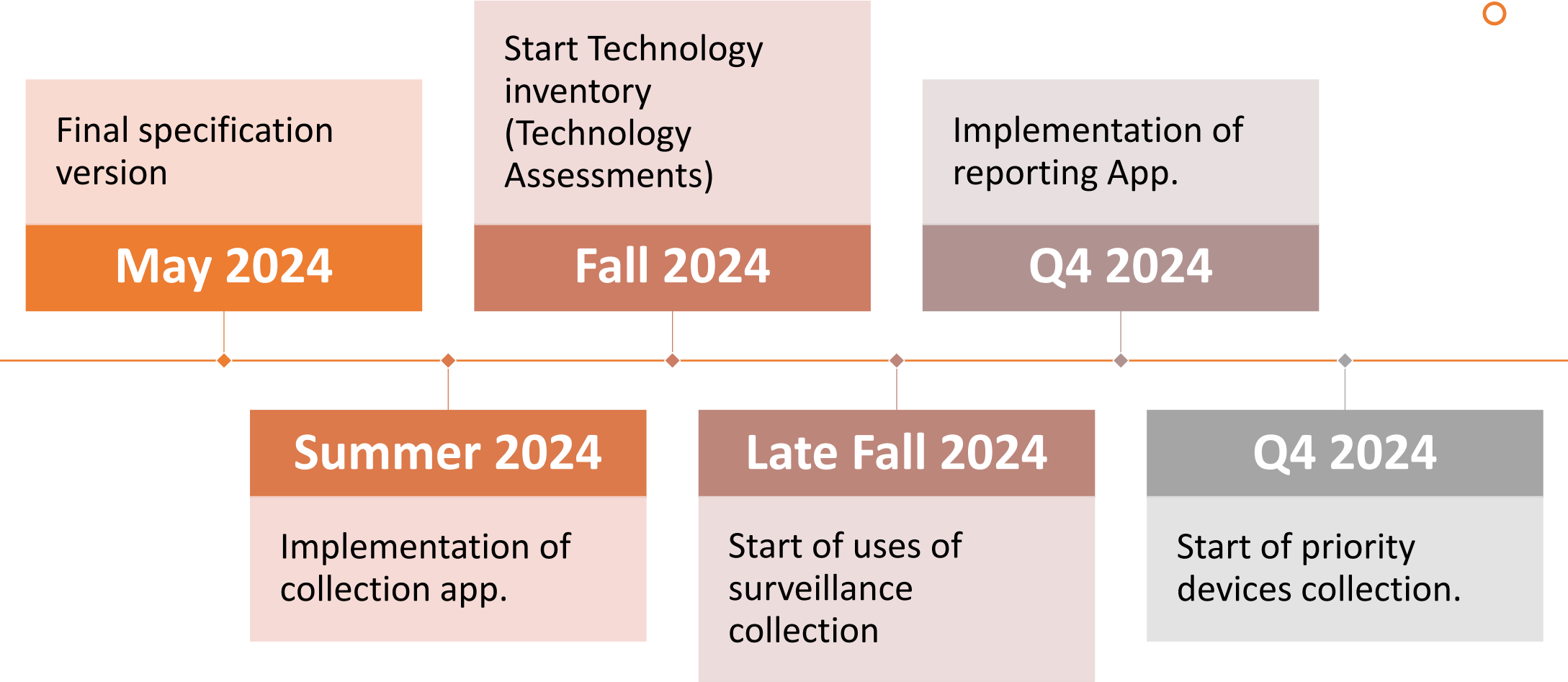
Processing description

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Type of monitoring and supervision



# New Timeline



# Recent comments and observations

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Need a field for technology of end of life.

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

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Normalization of risks

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Mandatory vs optional fields

# Feedback

## Portland's surveillance technologies inventory specification

This form will be use 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.](#)

[Next](#)

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**<https://arcg.is/0OSKH8>**

By email to [smartcitypdx@portlandoregon.gov](mailto:smartcitypdx@portlandoregon.gov)



# Comments and Questions



## THE BUREAU OF **PLANNING** & **SUSTAINABILITY**

### **Hector Dominguez**

hector.dominguez@portlandoregon.gov  
Open data and privacy coordinator  
Smart City PDX Program -  
<https://www.portland.gov/bps/smart-city-pdx/>

**VISIT US ONLINE** [portland.gov/bps](http://portland.gov/bps)

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