SURVEILLANCE TECHNOLOGIES DRAFT SPECIFICATION

PDXPrivacy – April 15, 2024

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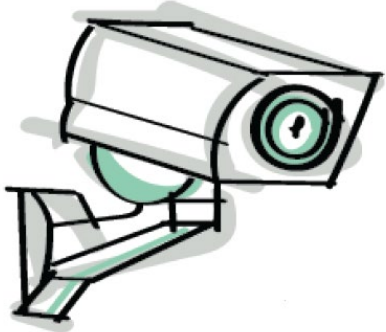
THE BUREAU OF
PLANNING & SUSTAINABILITY

Contents

- 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 if being stored or shared.

Report of public engagement for the surveillance technologies policy

Surveillance technologies policy
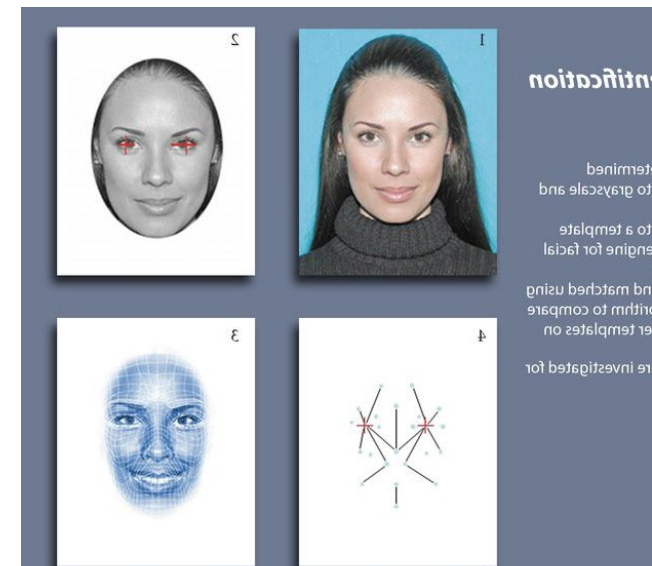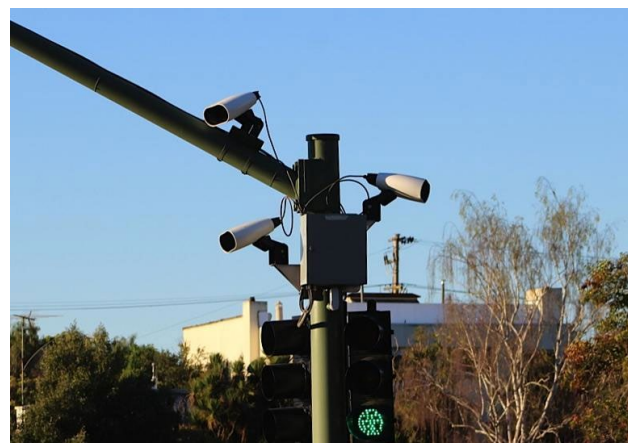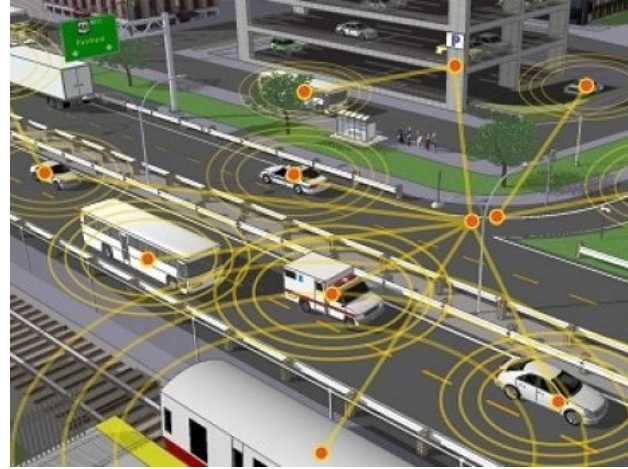
What are surveillance technologies?

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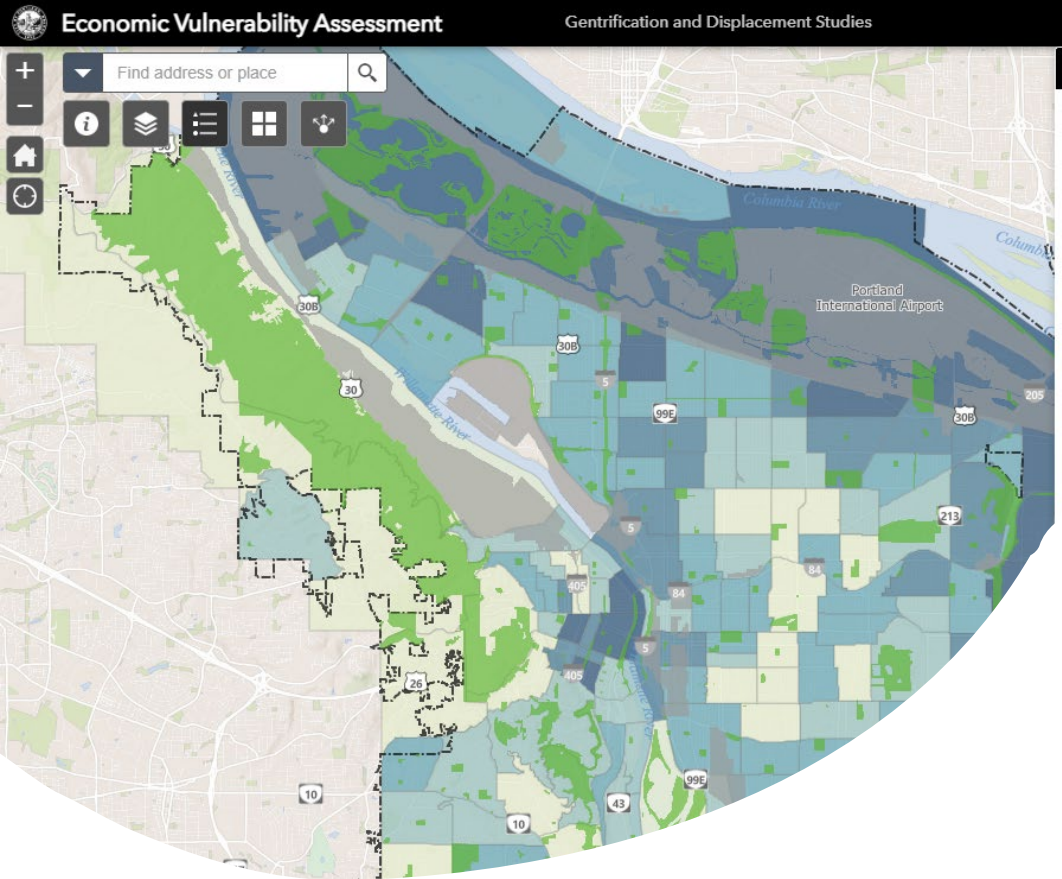
This information includes identity, movements, culture, linguistic knowledge, nature, and history of an individual or group of individuals.

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

Find address or place

Open Space

Portland City Boundary

Total Economic Vulne

Vulnerability Score

81 - 100 (

61 -

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:
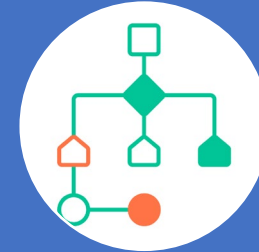
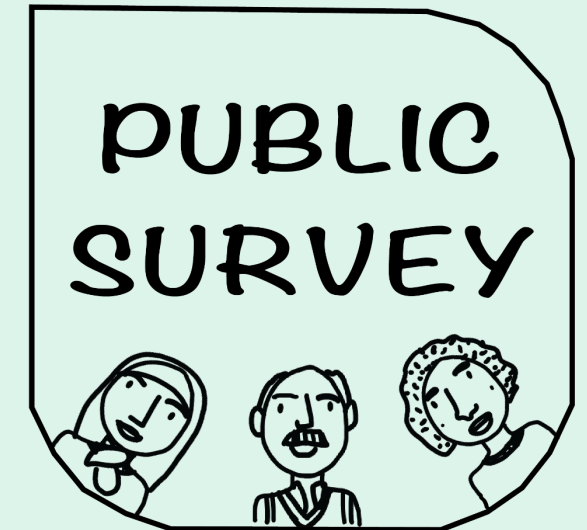| Citywide surveillance technologies inventory. | Accountability, oversight, and effective public involvement. | Implement privacy impact assessments | Design a citywide privacy program. | Automated decision systems. |

Surveillance technologies inventory - Design
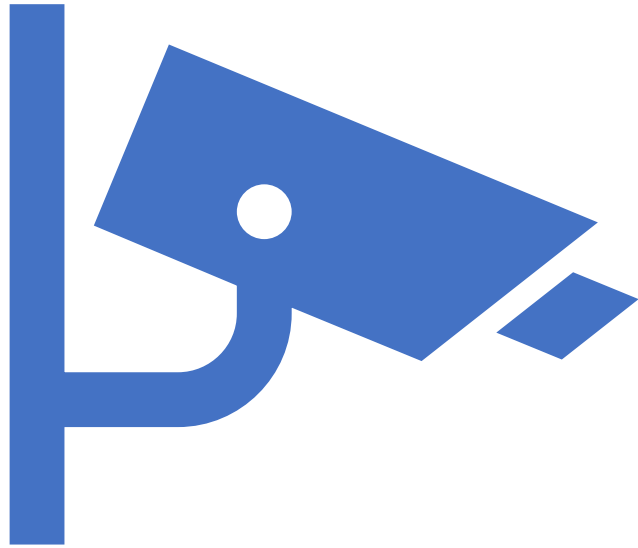
Public participation to build transparency in technology and information

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.
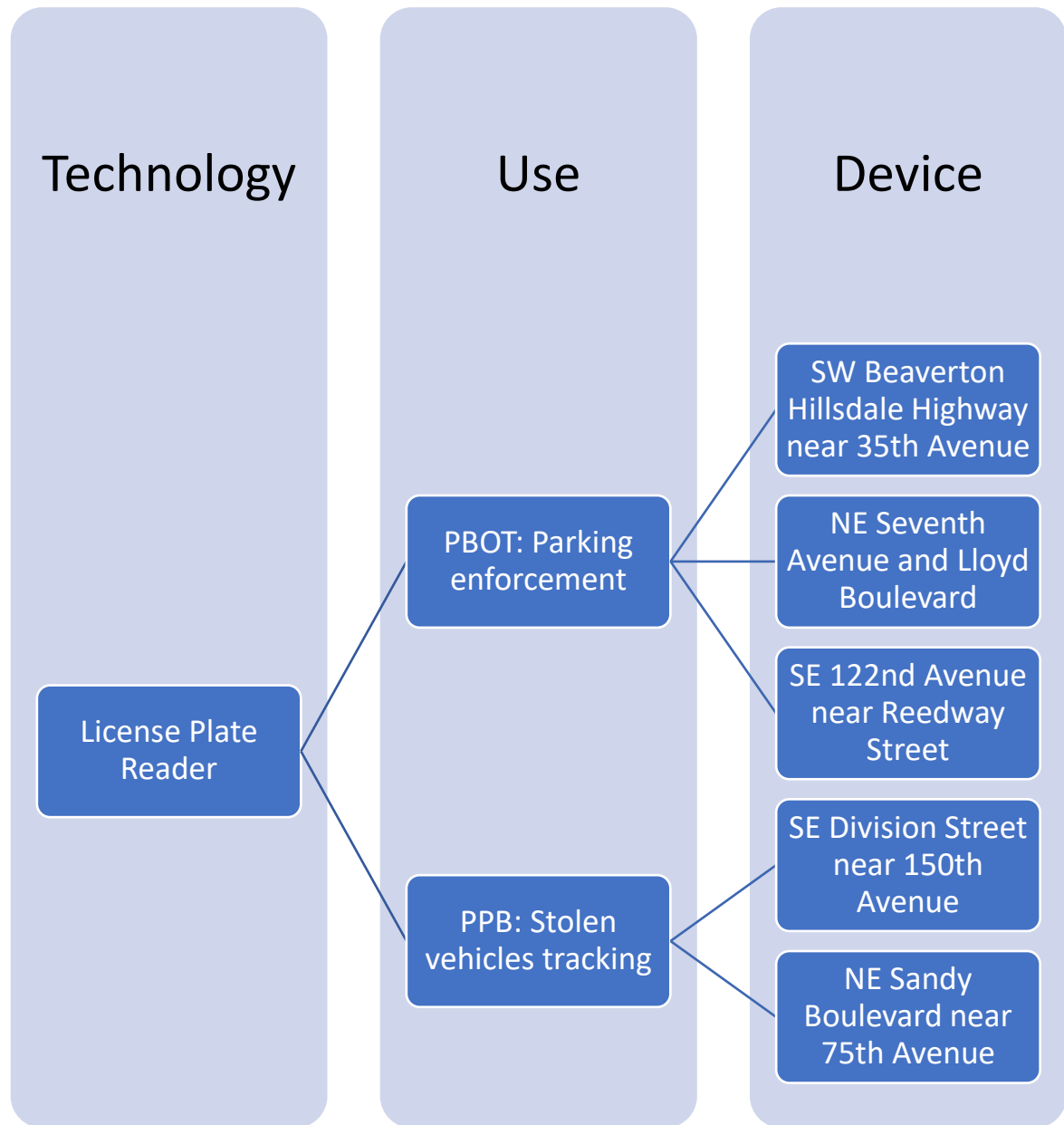
Specification structure

Devices

Applications and uses

Technology

Example

Technology

Use

Device

License Plate Reader

PBOT: Parking enforcement

PPB: Stolen vehicles tracking

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

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

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.

Basic information.
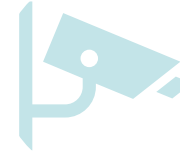
Uses and applications.

Data.

Processing.

Oversight.

Basic Information

Name of the technology	Status	Short description	Owner organization
Contact information	Vendor information	Type of technology	General purpose
	Website for more information	Registration date	Geolocated or mobile
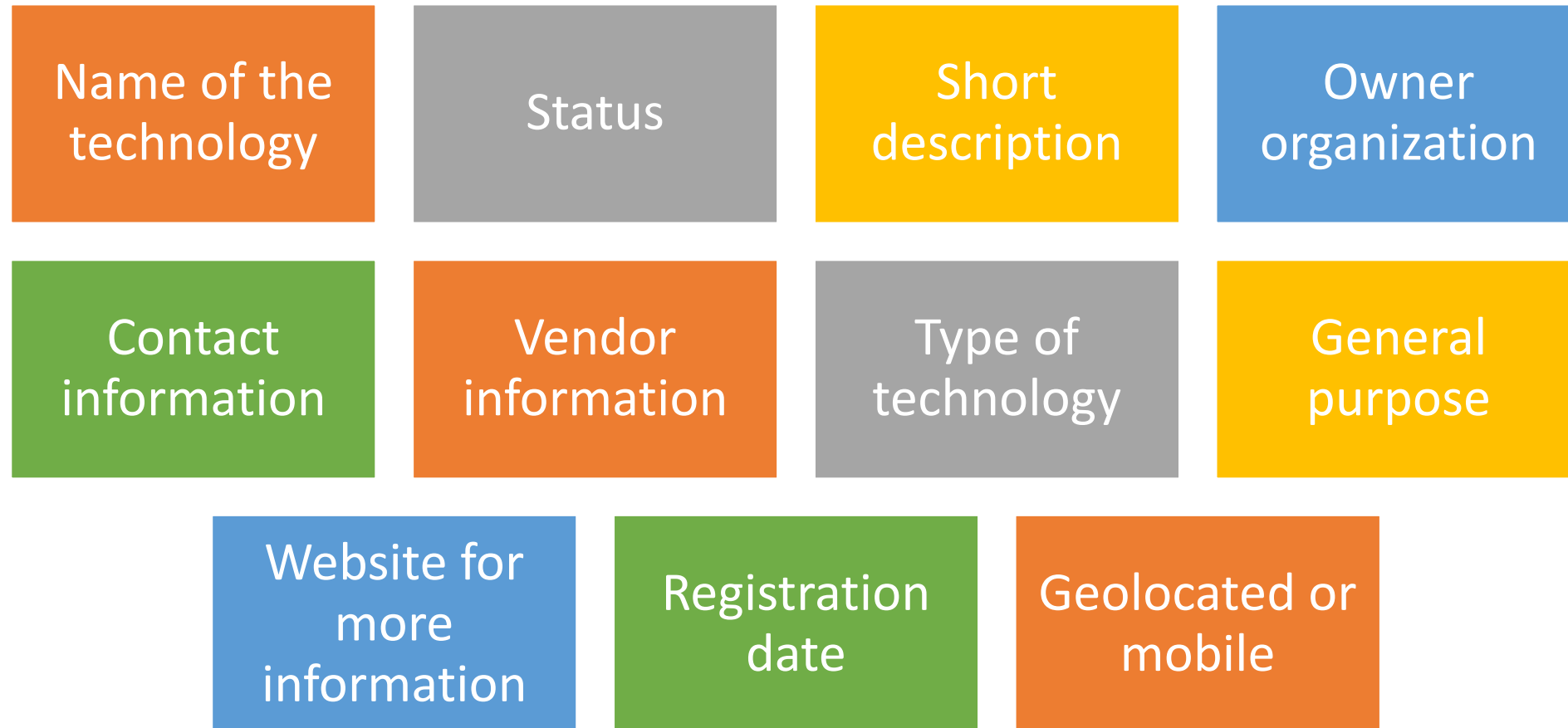
Use and application.

- 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    │ ───▶ │  Open Source?   │ ───▶ │   Information   │
│   description   │      │                 │      │  protection and │
│                 │      │                 │      │  cybersecurity  │
└─────────────────┘      └─────────────────┘      └─────────────────┘
                                                           │
                                                           │
┌─────────────────┐      ┌─────────────────┐      ┌─────────────────┐
│ De-identification│ ───▶ │   Artificial    │ ───▶ │   Processing    │
│   or privacy    │      │ Intelligence uses│      │     impact      │
│    measures     │      │                 │      │   assessment    │
└─────────────────┘      └─────────────────┘      └─────────────────┘
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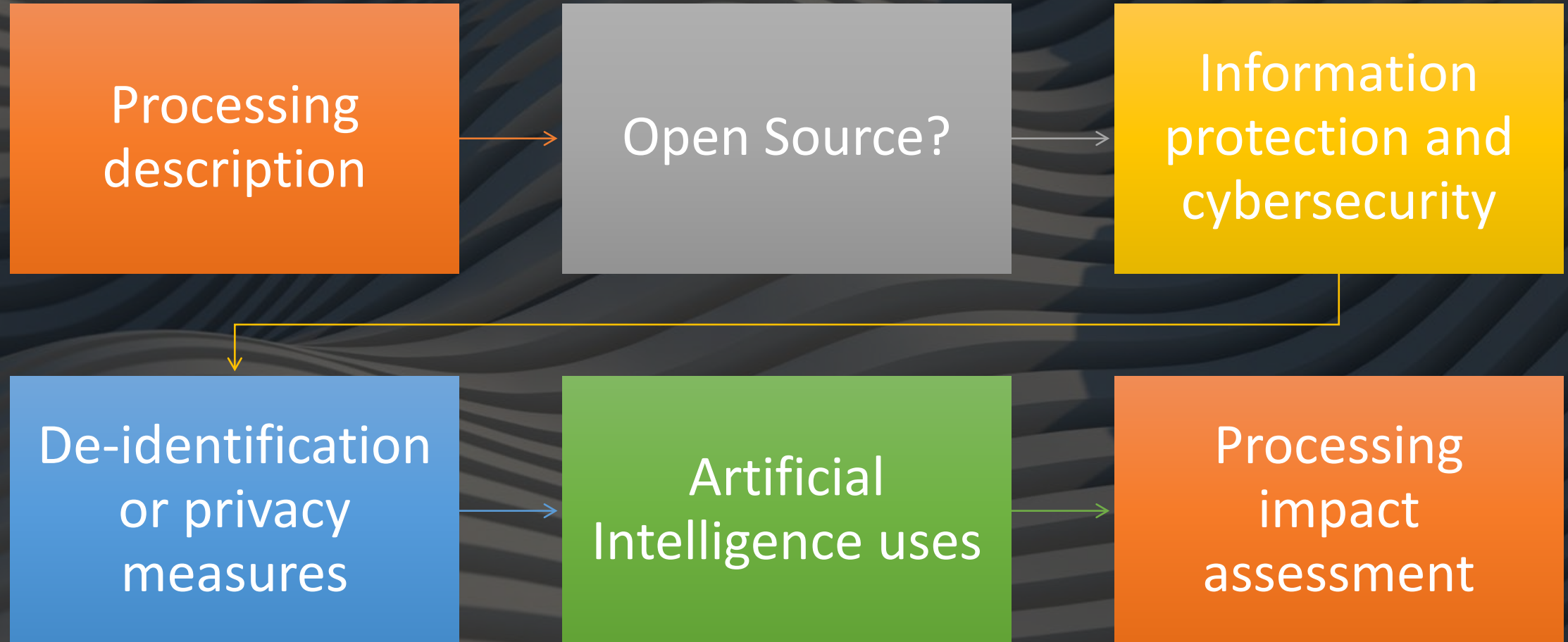
Oversight.

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

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
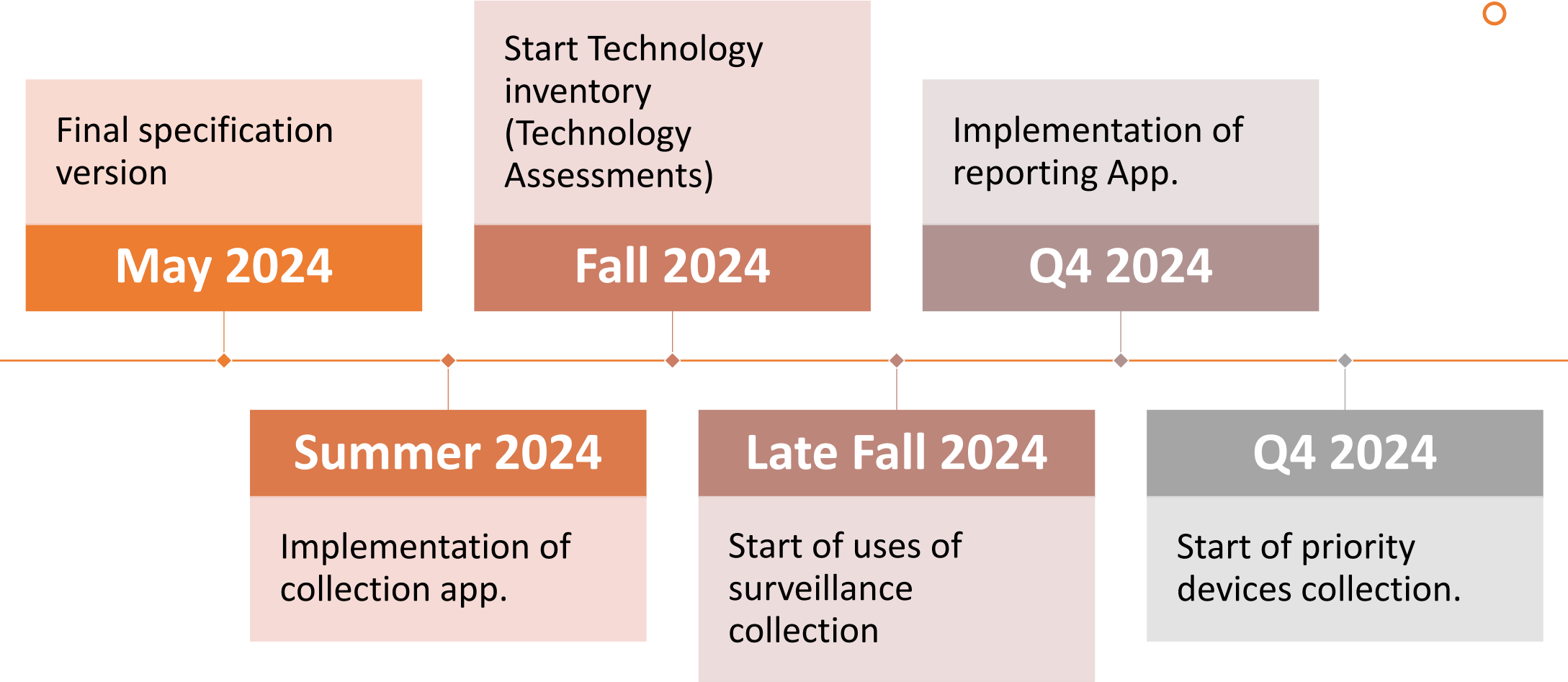
Type of monitoring and supervision

New Timeline

May 2024
Final specification version

Summer 2024
Implementation of collection app.

Fall 2024
Start Technology inventory (Technology Assessments)

Late Fall 2024
Start of uses of surveillance collection

Q4 2024
Implementation of reporting App.

Q4 2024
Start of priority devices collection.

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

https://arcg.is/0OSKH8

By email to smartcitypdx@portlandoregon.gov

Comments and Questions

THE BUREAU OF PLANNING & SUSTAINABILITY

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Smart City PDX Program -
https://www.portland.gov/bps/smart-city-pdx/

VISIT US ONLINE portland.gov/bps

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Устный и письменный перевод | Turjumaad iyo Fasiraad | Письмовий і усний переклад |
Traducere și interpretariat | Chiaku me Awewen Kapas | 翻訳または通訳 | ການແປພາສາ ຫຼື ການ
ອະທິບາຍ | الترجمة التحريرية أو الشفهية| Portland.gov/bps/accommodation