

March 16, 2018

#### MEMORANDUM

| То:      | Governance, Equity, and Technology Committee Members    |
|----------|---|
| From:    | Amy Tsai, Central Staff                                 |
| Subject: | Council Bill 119218 updating the Surveillance Ordinance |

Council Bill 119218 would amend the surveillance ordinance (Ordinance 125376) that was passed by the Council in July 2017, to make largely logistical adjustments. This memo provides a brief history of the original surveillance ordinance and summarizes the proposed changes.

#### Surveillance Ordinance History

In 2017, the Council passed the surveillance ordinance recognizing that the definition of surveillance "equipment" in the then-Seattle Municipal Code Chapter 14.18 was in need of updating in light of the surveillance capabilities of today's technologies, including software and cloud-based services.

The surveillance ordinance accomplished several things:

- it updated Chapter 14.18 to require Council approval for acquisition of new surveillance technologies, with such requests for approval to be accompanied by a surveillance impact report (SIR) as described further below;
- it called for annual reviews by the Inspector General for Public Safety in regards to the Seattle Police Department (SPD), and by the City Auditor for all other departments;
- it required an annual equity impact assessment report by the Chief Technology Officer (CTO);
- it created enforcement provisions;
- it created a process and timeline for approval of existing surveillance technologies that the City had already acquired prior to passage of the surveillance ordinance, requiring submittal of a master list of existing technologies, with the first technologies to be submitted for approval by the end of the first quarter in 2018; and
- it directed the Executive to convene a workgroup including representation from at least the Community Technology Advisory Board to make recommendations on how to utilize community expertise to advise the Council in its surveillance technology policy decisionmaking.

Under SMC 14.18.020, any City department intending to acquire surveillance technology must, prior to acquisition, obtain Council ordinance approval of the acquisition and a surveillance impact report for the technology. The steps are as follows:

1. The department undergoes an Executive-led process to determine whether its technology constitutes surveillance technology. The CTO submits a quarterly

surveillance technology determination list to Council of the technologies that were reviewed.

- 2. If the technology is determined to be surveillance technology, the department prepares a draft SIR and posts the proposed SIR to the City's website. SMC 14.18.040 sets forth the SIR requirements. The SIR must include the following:
  - a. describe the technology and its purpose,
  - b. provide a clear use and data management policy, including, among other things, how data will be secured and shared,
  - c. describe any community engagement held or planned and departmental conclusions about potential neighborhood and disparate impacts,
  - d. describe the potential impact on civil rights and liberties and potential disparate impacts on communities of color and other marginalized communities along with a mitigation plan, and
  - e. describe fiscal impacts.
- 3. The department must then hold at least one community meeting with opportunity for public comment and written response; the Council can direct additional meetings. These meetings should be held in impacted communities and collect information about potential disparate impacts on disadvantaged groups.
- 4. The department may then submit the request, along with the SIR, to Council for approval. If approved by the Council, the technology may be acquired and the final SIR is posted to the City's website.

Surveillance technologies that were acquired prior to passage of Ordinance 125376 are identified in a master list that was submitted to Council in November 2017 (Attachment 1). Those technologies will need to go through the Council approval process described above. Ordinance 125376 directed that the first requests for existing surveillance technologies be submitted by the end of the first quarter in 2018.

#### Council Bill 119218

After passage of the surveillance ordinance, there was a change in Mayoral administration and department directors. These and other factors such as the in-progress hiring of the Inspector General have made some of the timelines in the original surveillance ordinance unworkable.

Council Bill 119218 addresses timelines and makes other adjustments. Specifically, it would do the following:

• It makes quarterly surveillance determination lists due 30 days after the end of each quarter. Previously it was due on the last day of the quarter, which left it to the Executive when to internally cut off technology determinations in order to file by the end of each quarter. There is no practical difference; it just clarifies expectations for whether technologies toward the end of the quarter are grouped with the previous quarter or next quarter's report.

- It adds that courtesy copies of the quarterly determination lists go to the City Auditor and Inspector General.
- The quarterly determination lists are posted to the City's web site. The requirement that quarterly lists include a copy of lists from the previous three quarters is deleted as unnecessary.
- The language that Council can designate a technology as surveillance or not, at any time, is moved to its own subsection; the language is not changed.
- It adds that courtesy copies of the annual equity report go to the City Auditor and Inspector General.
- It changes the departmental submittals of existing surveillance technologies (the master list) from one per department per month to instead being submitted in the order and timeframe identified on the master list (see Attachment 1 for the master list submitted November 2017). First, it was recognized that with the Executive transition in its administration, the first quarter deadline would be difficult to meet. Further, in conversations with the Executive, it became apparent that submitting one technology per month per department reduced the ability of the department to group related technologies together where it might be more efficient and effective to do so (for example, so that community meetings could cover related technologies from a department at the same time instead of one every 30 days). The Executive is expected to submit a revised master list with groupings that meet the Council's needs. Council retains the ability to change the list by resolution.
- The first CTO annual equity assessment is pushed to Sept 2019 instead of Sept 2018, to give more to report on.
- The first annual review is done by the City Auditor covering 2018 it will include SPD which is otherwise normally to be reviewed by the Inspector General for Public Safety. Recognizing the bigger scope for the City Auditor and the newness of implementation, the review will be a lighter touch focusing on the newly created processes as opposed to historical review of surveillance usage. The OIG's annual review would cover SPD beginning in 2019.

If passed, the main effect of Council Bill 119218 would be to allow the combining of surveillance technologies into logical groupings that can create efficiencies for both Council approval actions and the community engagement process leading up to that approval. While Council Bill 119218 would allow the start time to be delayed, a schedule can be set that would allow for the same ending timeframe. That is, the schedule under Ordinance 125376 would have three departments completing the submittal of their requests by May, and SPD would complete its submittals by September 2019. A revised master list can require the last SIRs on the master list to be submitted by September 2019 as well.

Because Ordinance 125376 required the first SIRs to be submitted to the Council beginning no later than the end of the third quarter, any change to the deadline should be made as soon as possible.

#### Attachment 1: Master List of Surveillance Technologies

cc: Kirstan Arestad, Central Staff Director

# **City of Seattle**

# MASTER LIST OF SURVEILLANCE TECHNOLOGIES



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# **EXECUTIVE SUMMARY**

The Seattle City Council passed Ordinance <u>125376</u>, known as the "Surveillance Ordinance", to provide greater transparency to City Council and the public when the City acquires technology that meets the City's definition of surveillance. The Surveillance Ordinance, which took effect on September 1, 2017, outlines requirements that include: surveillance technology review and approval by City Council before acquisition, Council review and approval via ordinance for existing technologies, and reporting about surveillance technology use and community impact.

Surveillance Ordinance section three requires the City's Chief Technology Officer to compile a Master List of surveillance technologies in use by City departments as of the date the Surveillance Ordinance took effect ("Master List"), and to submit this report within 90 days of the Surveillance Ordinance's effective date (November 30, 2017).

Department privacy champions worked with the Seattle IT Privacy Team to identify surveillance technologies in use. The list in this report represents the best effort of departments to identify existing technologies based on the definition and criteria outlined in the Surveillance Ordinance. Should additional technologies that were in use as of September 1, 2017 be discovered, this report will be amended and resubmitted.

The following departments currently use surveillance technology. These departments will complete the retroactive approval process for these technologies as required by the Surveillance Ordinance.

| Department                           | Number of<br>Technologies |
|--------------------------------------|---------------------------|
| Seattle City Light                   | 3                         |
| Seattle Department of Transportation | 3                         |
| Seattle Fire Department              | 3                         |
| Seattle Police Department            | 19                        |
| Total                                | 28                        |

## **ABOUT THE MASTER LIST**

This report was mandated as part the Surveillance Ordinance (<u>125376</u>) approved by City Council in August 2017. It was compiled with active input of all City departments. The Master List was compiled through the process detailed in Appendix A, using the criteria detailed in Appendix B.

#### SURVEILLANCE ORDINANCE

Ordinance <u>125376</u>, also referred to as the "Surveillance Ordinance", took effect on September 1, 2017 and has implications for the acquisition of new technologies by the City, and technologies that are already in use that may fall under the new, broader definition of surveillance.

SMC 14.18.020.B.1 charges the City's Executive with developing a process to identify surveillance technologies subject to the Ordinance. Seattle IT, on behalf of the Executive, developed and implemented a process through which a privacy and surveillance review is completed prior to the acquisition of new technologies. This requirement, and the criteria used in the review process, are documented in <u>Seattle IT Policy PR-02</u>, the "Surveillance Policy".

#### **MASTER LIST REQUIREMENTS**

Surveillance Ordinance section 3 requires the City's Chief Technology Officer to compile a Master List of technologies in use as of September 1, 2017 that meets the definition of surveillance technology ("Master List"). Specifically, the Surveillance Ordinance states:

Section 3. Notwithstanding the provisions of Chapter 14.18 of the Seattle Municipal Code, each City department may use surveillance technology that has not received prior Council approval under Chapter 14.18 when the technology is, as of the effective date of this ordinance, (1) in the department's possession or (2) in the execution or closeout phase of acquisition or has had a purchase order issued, pursuant to the Chief Technology Officer's authority under subsection 3.23.030.C of the Seattle Municipal Code; provided, that the department complies with the procedures set forth in this section for Council approval.

Each City department shall compile a list of all surveillance technology that it controls and is utilizing as of the effective date of this ordinance that are not covered by an exemption or exception to the requirements of this Chapter 14.18 of the Seattle Municipal Code and submit it to the CTO, or submit an affirmative statement that there are no such technologies. The list shall identify for each technology whether the technology has received prior Council approval under Chapter 14.18, and if so, the ordinance number. The CTO shall compile a Master List that contains the information submitted by each department and a final list that identifies separately for each department the order in which the technology is recommended to be brought to the Council for ordinance approval. The Master List shall be filed within 90 days of the effective date of this ordinance with the City Clerk, with an electronic copy to the Chair of the committee responsible for public safety, the Director of Central Staff, the Chief Technology Officer, and the Inspector General for Public Safety. The CTO may make corrections to the master list, which must be timely filed with the City Clerk. Each City department shall submit requests for surveillance technology ordinance approval consistent with Chapter 14.18 of the Seattle

Municipal Code at a rate of at least one per month, or more when feasible, in list order, beginning no later than the end of the first quarter of 2018. The Council may revise or re-order the Master List by resolution.

Note that technologies exempted from Surveillance Ordinance compliance in SMC 14.18.030 are not included in the Master List.

#### **NEXT STEPS**

After the submission of the Master List, departments will begin submitting Surveillance Impact Reports (SIRs) for Council approval at the rate of one per month, as required by the Surveillance Ordinance, starting no later than March 31, 2018.

If a department discovers a technology currently in place that is not enclosed in this Master List and meets the definition of surveillance as well as the requirements of the Surveillance Ordinance, it must be reported to the CTO immediately. At that time, the discovered technology will be added to the Master List and reported to Council.

## **DEPARTMENT SUMMARY**

Between September 1, 2017, and November 15, 2017, the Privacy Team, led by the City's Chief Privacy Officer, worked with departments to identify surveillance technologies that are currently in use. The table below notes if departments identified surveillance technologies in use within their department, and if so, how many.

Note the Surveillance Ordinance exempts the Seattle Municipal Courts and Seattle Public Library from compliance with the Surveillance Ordinance's requirements.

| Department   | Surveillance<br>Technologies<br>(Yes / No) | Number of<br>Technologies |
|--|--|---------------------------|
| City Auditor   | No   | 0                         |
| City Budget Office                                       | No   | 0                         |
| Department of Education and Early Learning               | No   | 0                         |
| Department of Neighborhoods                              | No   | 0                         |
| Finance and Administrative Services                      | No   | 0                         |
| Human Services Department                                | No   | 0                         |
| Legislative Department                                   | No   | 0                         |
| Mayor's Office   | No   | 0                         |
| Office of Arts and Culture                               | No   | 0                         |
| Office of Civil Rights                                   | No   | 0                         |
| Office of Economic Development, Office of Film and Music | No   | 0                         |
| Office of Housing  | No   | 0                         |
| Office of Immigrant and Refugee Affairs                  | No   | 0                         |
| Office of Intergovernmental Relations                    | No   | 0                         |
| Office of Labor Standards                                | No   | 0                         |
| Office of Planning and Community Development             | No   | 0                         |
| Office of Sustainability and the Environment             | No   | 0                         |
| Office of the Hearing Examiner                           | No   | 0                         |
| Retirement Office  | No   | 0                         |
| Seattle Center   | No   | 0                         |
| Seattle City Attorney                                    | No   | 0                         |
| Seattle City Light                                       | Yes  | 3                         |
| Seattle Department of Construction and Inspections       | No   | 0                         |
| Seattle Department of Human Resources                    | No   | 0                         |
| Seattle Department of Transportation                     | Yes  | 3                         |
| Seattle Fire Department                                  | Yes  | 3                         |
| Seattle Information Technology                           | No   | 0                         |

| Department                 | Surveillance<br>Technologies<br>(Yes / No) | Number of<br>Technologies |
|----------------------------|--|---------------------------|
| Seattle Municipal Court    | Exempt                                     | N/A                       |
| Seattle Parks & Recreation | No   | 0                         |
| Seattle Police Department  | Yes  | 19                        |
| Seattle Public Library     | Exempt                                     | N/A                       |
| Seattle Public Utilities   | No   | 0                         |
| Total                      |  | 28                        |

# **MASTER LIST**

Technologies in use as of the effective date of this Surveillance Ordinance are listed below, organized by department. Each department ranked the order in which they will prepare Surveillance Impact Reports (SIRs) for submission to Council.

#### **SEATTLE CITY LIGHT**

Seattle City Light (SCL) uses technology to ensure proper recording of electricity consumption, and is empowered by City of Seattle Ordinance (117490) to recover diverted power consumption. Additionally, federal regulatory requirements detail how SCL must monitor electrical usage. The tools and technologies listed below are used in the investigation of unbilled power usage as part of that obligation and as such meet the definition of surveillance and criteria for review.

| Technology                   | Description  | Proposed<br>Review<br>Order |
|------------------------------|--|-----------------------------|
| Binoculars/Spotting<br>Scope | The spotting scope is used to read meters from a distance when<br>direct access to the meter is obstructed. Scopes are used by SCL's<br>Current Diversion team to conduct investigations. Use of this<br>technology may occur without informing a domicile's resident(s).  | 1                           |
| SensorLink Amp Fork          | The SensorLink Amp Fork is used by SCL's Current Diversion team to<br>measure the load on line-side entrance conductors, allowing SCL to<br>determine the total amount of power being consumed at a service<br>location. This tool provides an instantaneous reading to the group<br>conducting the investigation. Use of this technology may occur<br>without informing a domicile's resident(s). | 2                           |
| Check Meter Device           | This device measures the total amount of power being consumed at<br>a service location where current diversion is confirmed or suspected.<br>The device is set at the transformer and is used when a prolonged<br>reading is desired by the Current Diversion team. Use of this<br>technology may occur without informing a domicile's resident(s).  | 3                           |

#### SEATTLE DEPARTMENT OF TRANSPORTATION

The Seattle Department of Transportation is empowered by authority of Seattle Municipal Code (<u>SMC</u><u>11.16</u>) to monitor, record and optimize street use and traffic flow. The tools and technologies listed below are used in support of that mission, collecting and tracking identifiable individuals or vehicles and meet the definition and criteria for Council review. Ordinance and SMC authority for each technology is provide in the description field, below.

| Technology                             | Description  | Proposed<br>Review<br>Order |
|--|--|-----------------------------|
| License Plate Readers                  | <ul> <li>License Plate Reader (LPR) cameras are a specialized CCTV camera with built in software to help identify and record license plates on vehicles. Travel times are generated by collecting arrival times at various checkpoints and matching the vehicle license plate numbers between consecutive checkpoints.</li> <li>This information is collected under the authority of <u>SMC 11.16.200</u> requiring SDOT to keep records of traffic volumes.</li> </ul>  | 1                           |
| Closed Circuit<br>Television Equipment | SDOT has cameras installed throughout the City to monitor<br>congestion, incidents, closures, and other traffic issues. The<br>technology provides the ability to see roads, providing engineers<br>with the necessary information to manage an incident and identify<br>alternate routes. Every camera is available for live viewing by the<br>public via our Traveler Information Web Map<br>(http://web6.seattle.gov/Travelers/). The video is not archived.<br>This information is collected under the authority of <u>SMC 11.16.200</u><br>requiring SDOT to keep records of traffic volumes.     | 2                           |
| Acyclica                               | Acyclica devices are in street furniture throughout the City and<br>determine real time vehicle travel times in the City corridor by<br>identifying WiFi-enabled devices in vehicles, such as smart phones,<br>traveling between multiple sites. The identifying information is<br>anonymized. Additionally, the data is deleted within 24 hours to<br>prevent tracking devices over time.<br>This information is collected under the authority of <u>SMC 11.16.200</u> ,<br>requiring SDOT to keep records of traffic volumes, as well as <u>SMC 11.16.220</u> requiring an annual report on traffic. | 3                           |

#### SEATTLE FIRE DEPARTMENT

Seattle Fire Department is committed to protecting life and property for Seattle residents. This requires the collection of photographic evidence and information at the scene of emergencies and other hazardous sites. This can include the capture of unidentifiable individuals and property as well as tracking of private inspection companies for compliance and documentation purposes.

| Technology                 | Description  | Proposed<br>Review<br>Order |
|----------------------------|--|-----------------------------|
| Emergency Scene<br>Cameras | Photos at incidents (not retained after transmission per department<br>policy) are collected as part of the investigation and documentation<br>of emergency responses and may include photographs of<br>identifiable individuals and property.   | 1                           |
| Hazmat Camera              | This wireless system transmits pictures related to hazardous materials sites to document and identify clean up and management requirements.  | 2                           |
| Computer-Aided<br>Dispatch | Computer-aided dispatch (CAD) is used to initiate public safety calls<br>for service, dispatch, and to maintain the status of responding<br>resources in the field. It is used by 911 dispatchers as well as by<br>officers using mobile data terminals (MDTs) in the field. Use is opt-<br>in, but individuals may enter personally-identifying information<br>about third-parties without providing notice to those individuals. | 3                           |

#### SEATTLE POLICE DEPARTMENT

Seattle Police Department (SPD) uses technologies to protect public safety and property and investigate and resolve crimes committed in the City of Seattle.

Note the Seattle City Council has mandated the submission of a Surveillance Impact Report for SPD's new records management system, Mark 43. This technology does not meet the criteria for a surveillance technology, and thus is not listed in the table below. In the of transparency on a project of public interest, SPD will complete the SIR and related community engagement requirements as directed.

| Technology  | Description   | Proposed<br>Review Order |
|---|---|--------------------------|
| Automated License<br>Plate Recognition<br>(ALPR)      | ALPRs are computer-controlled, high-speed camera systems<br>mounted on parking enforcement or police vehicles that<br>automatically capture an image of license plates that come<br>into view and converts the image of the license plate into<br>alphanumeric data that can be used to locate vehicles<br>reported stolen or otherwise sought for public safety<br>purposes and to enforce parking restrictions.                                       | 1                        |
| Booking Photo<br>Comparison Software<br>(BPCS)        | BCPS is used in situations where a picture of a suspected<br>criminal, such as a burglar or convenience store robber, is<br>taken by a camera. The still screenshot is entered into BPCS,<br>which runs an algorithm to compare it to King County Jail<br>booking photos to identify the person in the picture to further<br>investigate his or her involvement in the crime. Use of BPCS is<br>governed by <u>SPD Manual §12.045</u> .                 | 2                        |
| Forward Looking<br>Infrared Real-time<br>video (FLIR) | Two King County Sheriff's Office helicopters with Forward<br>Looking Infrared (FLIR) send a real-time microwave video<br>downlink of ongoing events to commanders and other<br>decision-makers on the ground, facilitating specialized radio<br>tracking equipment to locate bank robbery suspects and<br>provides a platform for aerial photography and digital video of<br>large outdoor locations (e.g., crime scenes and disaster<br>damage, etc.). | 3                        |

| Technology                         | Description  | Proposed<br>Review Order |
|------------------------------------|--|--------------------------|
| Undercover/<br>Technologies        | <ul> <li>The following groups of technologies are used to conduct sensitive investigations and should be reviewed together.</li> <li>Audio recording devices: A hidden microphone to audio record individuals without their knowledge. The microphone is either not visible to the subject being recorded or is disguised as another object. Used with search warrant or signed Authorization to Intercept (RCW 9A.73.200).</li> <li>Camera systems: A hidden camera used to record people without their knowledge. The camera is either not visible to the subject being filmed or is disguised as another object. Used with consent, a search warrant (when the area captured by the camera is not in plain view of the public), or with specific and articulable facts that a person has or is about to be engaged in a criminal activity and the camera captures only areas in plain view of the public.</li> <li>Tracking devices: A hidden tracking device carried by a moving vehicle or person that uses the Global Positioning System to determine and track the precise location. U.S. Supreme Court v. Jones mandated that these must have consent or a search warrant to be used.</li> </ul> | 4                        |
| Computer-Aided<br>Dispatch (CAD)   | CAD is used to initiate public safety calls for service, dispatch,<br>and to maintain the status of responding resources in the<br>field. It is used by 911 dispatchers as well as by officers using<br>mobile data terminals (MDTs) in the field.   | 5                        |
| CopLogic                           | System allowing individuals to submit police reports on-line<br>for certain low-level crimes in non-emergency situations<br>where there are no known suspects or information about the<br>crime that can be followed up on. Use is opt-in, but individuals<br>may enter personally-identifying information about third-<br>parties without providing notice to those individuals.  | 6                        |
| Hostage Negotiation<br>Throw Phone | A set of recording and tracking technologies contained in a phone that is used in hostage negotiation situations to facilitate communications.   | 7                        |

| Technology   | Description   | Proposed<br>Review Order |
|--|---|--------------------------|
| Remotely Operated<br>Vehicles (ROVs)                         | These are SPD non-recording ROVs/robots used by<br>Arson/Bomb Unit to safely approach suspected explosives, by<br>Harbor Unit to detect drowning victims, vehicles, or other<br>submerged items, and by SWAT in tactical situations to assess<br>dangerous situations from a safe, remote location.   | 8                        |
| 911 Logging Recorder   | System providing networked access to the logged telephony and radio voice recordings of the 911 center.   | 9                        |
| Computer, cellphone<br>and mobile device<br>extraction tools | Forensics tool used with consent of phone/device owner or<br>pursuant to a warrant to acquire, decode, and analyze data<br>from smartphones, tablets, portable GPS device, desktop and<br>laptop computers.   | 10                       |
| Video Recording<br>Systems                                   | These systems are to record events that take place in a Blood<br>Alcohol Concentration (BAC) Room, holding cells, interview,<br>lineup, and polygraph rooms recording systems.  | 11                       |
| Washington State<br>Patrol (WSP) Aircraft                    | Provides statewide aerial enforcement, rapid response,<br>airborne assessments of incidents, and transportation services<br>in support of the Patrol's public safety mission. WSP Aviation<br>currently manages seven aircraft equipped with FLIR cameras.<br>SPD requests support as needed from WSP aircraft.                                   | 12                       |
| Washington State<br>Patrol (WSP) Drones                      | WSP has begun using drones for surveying traffic collision<br>sites to expedite incident investigation and facilitate a return<br>to normal traffic flow. SPD may then request assistance<br>documenting crash sites from WSP.  | 13                       |
| Callyo   | This software may be installed on an officer's cell phone to<br>allow them to record the audio from phone communications<br>between law enforcement and suspects. Callyo may be used<br>with consent or search warrant.   | 14                       |
| I2 iBase   | The I2 iBase crime analysis tool allows for configuring,<br>capturing, controlling, analyzing and displaying complex<br>information and relationships in link and entity data. iBase is<br>both a database application, as well as a modeling and<br>analysis tool. It uses data pulled from SPD's existing systems<br>for modeling and analysis. | 15                       |

| Technology  | Description  | Proposed<br>Review Order |
|---|--|--------------------------|
| Parking Enforcement<br>Systems                        | Several applications are linked together to comprise the<br>enforcement system and used with ALPR for issuing parking<br>citations. This is in support of enforcing the Scofflaw<br>Ordinance <u>SMC 11.35</u> .   | 16                       |
| Situational Awareness<br>Cameras Without<br>Recording | Non-recording cameras that allow officers to observe around<br>corners or other areas during tactical operations where<br>officers need to see the situation before entering a building,<br>floor or room. These may be rolled, tossed, lowered or throw<br>into an area, attached to a hand-held pole and extended<br>around a corner or into an area. Smaller cameras may be<br>rolled under a doorway. The cameras contain wireless<br>transmitters that convey images to officers. | 17                       |
| Crash Data Retrieval                                  | Tool that allows a Collision Reconstructionist investigating<br>vehicle crashes the opportunity to image data stored in the<br>vehicle's airbag control module. This is done for a vehicle that<br>has been in a crash and is used with consent or search<br>warrant.  | 18                       |
| Maltego   | An interactive data mining tool that renders graphs for link<br>analysis. The tool is used in online investigations for finding<br>relationships between pieces of information from various<br>sources located on the internet.  | 19                       |

# **APPENDIX A: METHODOLOGY**

The following steps were taken to complete the Master List requirement.

- 1. The Mayor's Office sent a City-wide email to notify City staff, department leaders, and privacy champions that the surveillance audit and inventory of technologies was required.
- 2. The Chief Privacy Officer presented the process and timeline to City executives and leaders to request resources and cooperation.
- 3. Privacy staff met with departments individually to discuss the overall process, discuss specific technologies, and make determinations about Master List technology inclusion.
- 4. Privacy champions and staff were provided with the surveillance checklist (see below) to assist in identifying surveillance technologies that meet Surveillance Ordinance requirements.
- 5. The list of technologies was validated against selection criteria and reviewed by the Chief Technology Officer prior to submission.

# **APPENDIX B: SURVEILLANCE CRITERIA**

