



SEATTLE CITY COUNCIL
CENTRAL STAFF

Group 4a Surveillance Impact Reports

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ECONOMIC DEVELOPMENT, TECHNOLOGY AND CITY LIGHT COMMITTEE | APRIL 27, 2022

Proposed Council Bills

- CB 120307: Audio Recording Systems
- CB 120308: Maltego Link Analysis Software
- CB 120309: IBM i2 iBase Link Analysis Software

Anticipated Process and Timeline

- April 19 – Introduction and Referral Calendar
- April 27 – First Committee Hearing
- May 11 – Second Committee Hearing/Possible Action

Surveillance and Intelligence Ordinances

- **Surveillance Ordinances (2017 & 2018)**
 - Departments obtain advance Council approval of any new surveillance technology and request retroactive approval of existing surveillance technologies, consistent with an accepted Surveillance Impact Report
- **Intelligence Ordinances (1979 & 1982)**
 - Powers and functions of SPD's Criminal Information Section, including the collection, recording, retention and sharing of information

Surveillance Impact Report Process



CB 120307: Audio Recording Systems

- Used by SPD to covertly obtain information during a criminal investigation
- Devices not specifically identified in SIR due to safety concerns and to avoid risk of countermeasures
- Requires warrant and consent of person wearing the recorder

Audio Recording Systems – Civil Liberties & Potential Disparate Impacts (per SIR)

- Risk of acquisition of private information about suspects and victims
- Data sharing, storage and retention could contribute to structural racism
- Mitigated through evidence procedures, anti-bias policies and warrant requirements

Audio Recording Systems – Policy Considerations

1. Equity assessment metrics
2. Mitigation of civil liberties impacts
3. Authentication of recordings

CB 120308: Maltego

- Used by SPD to investigate cybersecurity incidents and related criminal investigations
- Queries publicly available internet data and diagrams associations between individuals, devices and networks
- Operated by two authorized users in SPD's Technical and Electronic Support Unit

Maltego – Civil Liberties & Potential Disparate Impacts (per SIR)

- Risk of erroneous links between individuals not related to criminal investigations
- Risk of acquisition of private data about individuals
- Potential algorithmic bias or ethnic bias
- Data sharing, storage and retention could contribute to structural racism
- Mitigated through limited number of detectives conducting analysis, cybercrime focus using publicly available information, anti-bias policies and warrant requirements

Maltego – Policy Considerations

1. Equity assessment metrics
2. Response to public comments
3. Mitigation of civil liberties impacts
4. Contractual terms

CB 120309: IBM's i2 iBase Link Analysis Software

- Visualization tool to identify relationships and reveal patterns in data related to ongoing investigations
- Combines data from SPD's Records Management and Computer Aided Dispatch systems, and information gathered during criminal investigations
- Also used to provide information to units in the field to increase officer safety, efficiency, and incident response

i2 iBase – Civil Liberties & Potential Disparate Impacts (per SIR)

- Risk of erroneous links between individuals not related to criminal investigations
- Risk of acquisition of private data about individuals
- Potential algorithmic bias or ethnic bias
- Data sharing, storage and retention could contribute to structural racism
- Mitigated by the efficiencies provided by the system, evidence procedures, anti-bias policies and warrant requirements

i2 iBase – Policy Considerations

1. Equity assessment metrics
2. Response to public comments
3. Mitigation of civil liberties impacts
4. Contractual terms
5. Retention schedule
6. Data sharing with Community Safety and Communications Center

Questions?
