



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

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

# Anticipated Process and Timeline

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

# Surveillance and Intelligence Ordinances

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- **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

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# CB 120307: Audio Recording Systems

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- 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

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



# CB 120308: Maltego

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- 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)

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- 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

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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

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- 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)

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- 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

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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?

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