

# Labels, SBOMs, Vulnerability Reports, Transparency Reports Oh My...

Katerina Megas – Program Manager, Cybersecurity for the Internet of Things  
Angela Smith -- Technical Lead – Cybersecurity Supply Chain Risk Management Program

NIST

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# Transparency is the watchword of the hour

“Embrace radical transparency and accountability”

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“Organizations should expect transparency from their technology suppliers about their internal control posture as well as their roadmap towards adopting Secure-by-Design and Secure-by-Default practices.”

“Organizations should prioritize cloud providers that are transparent about their security posture”

*Shifting the Balance of Cybersecurity Risk:*

*Principles and Approaches for Security-by-Design and -Default*

-- DHS CISA + 5-Eyes Agencies, 13 April 2023

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# A consistent framing to think about transparency can support better cybersecurity



- Structured approach to providing information and actions to support secure product usage
- Enable informed choices by acquirers of connected products
- Develop a shared lexicon around transparency
- Encourage transparency to reduce information gaps, which can promote trust and help mitigate risks
- Envisioned as a tool for sharing information/expectations across the supply chain. E.g.
  - Guiding communications tailored for different kinds of audiences
  - Supporting product developers communicating with customers, regulators, conformance assessment bodies, other third parties who need to understand the product



1 - Determine the **target audience** of the information.



2 - Define the **purpose** for delivering the information to the audience.



3 - Identify the appropriate **mode (method) of transparency** based on the target audience and purpose for the information.

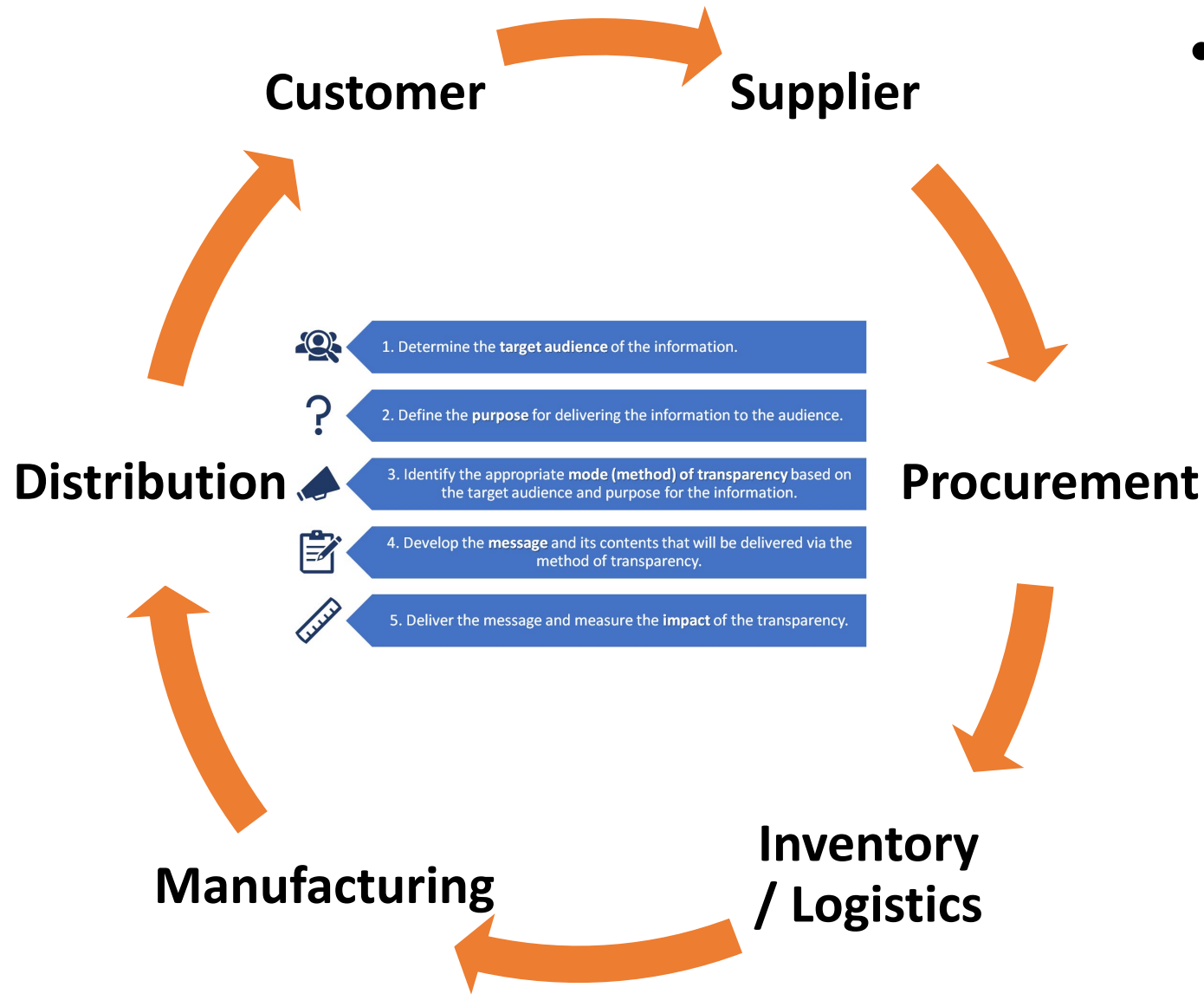


4 - Develop the **message** and its contents that will be delivered via the method of transparency.



5 - Deliver the message and assess the **impact** of the transparency.

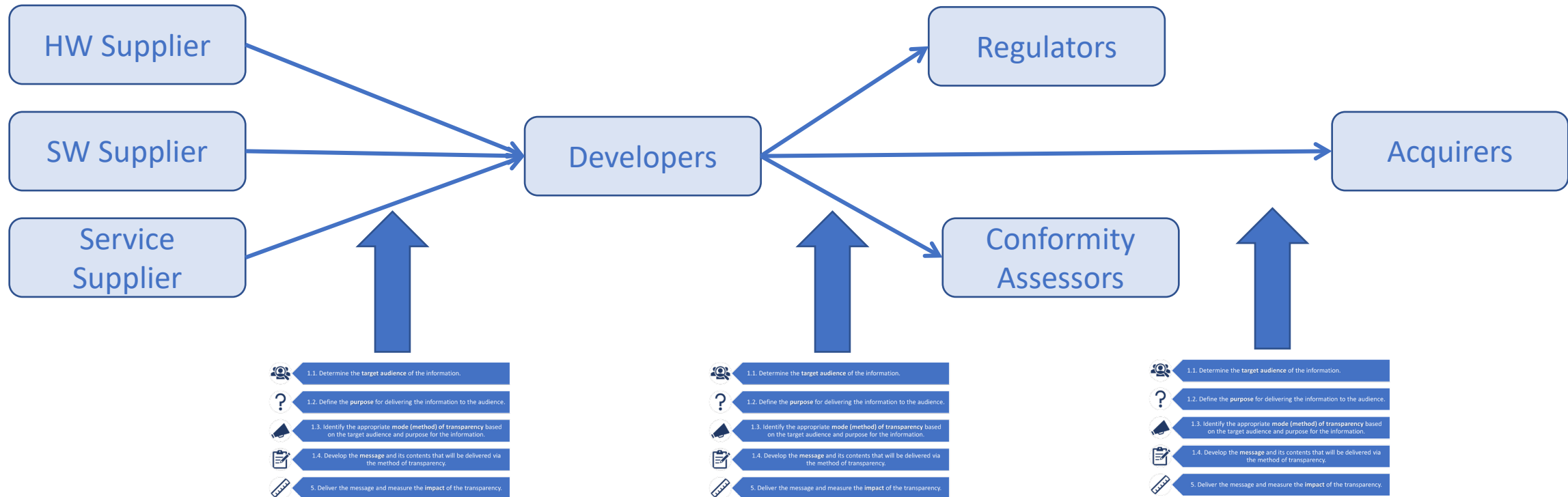
# A tool for the connected product ecosystem



- Enable communication between stakeholders from different perspectives across the product ecosystem such as:
  - Producers
  - Suppliers and Vendors
  - Regulators and Conformance Assessment Bodies
  - Customers of different organizational size
    - From home customers to governments

# Example of communication needs along connected product ecosystem

*A Consistent Approach Applied to Information Exchanges Throughout The Supply Chain*



- Enable communication between stakeholders from different perspectives across the product ecosystem such as:
  - Producers
  - Suppliers and Vendors
  - Regulators and
  - Conformance Assessment Bodies

- What kinds of additional guidance can help stakeholders provide transparency in effective and consistent ways?
- Which existing standards, resources, and/or best-practices can help and/or inform this effort?
  - Areas of interest:
    - Taxonomy of target audiences
    - Modes/methods of transparency (e.g., SBOM, labels, technical vs. non-technical methods)
    - How to assess impact

# Next Steps

- Build out these ideas and highlight key points for community input and buy-in

Release Discussion Essay

Socialize the Approach

- Meetings, workshops and other engagements with the community

Draft *Connected Product Transparency Framework*

Further socialization working towards finalization

- Additional meetings and workshops
- Additional drafts developed and released as needed by the community.