

Supply Chain Awareness Reporting (SCARe)



CAPT Mark Oesterreich, USN
Commanding Officer

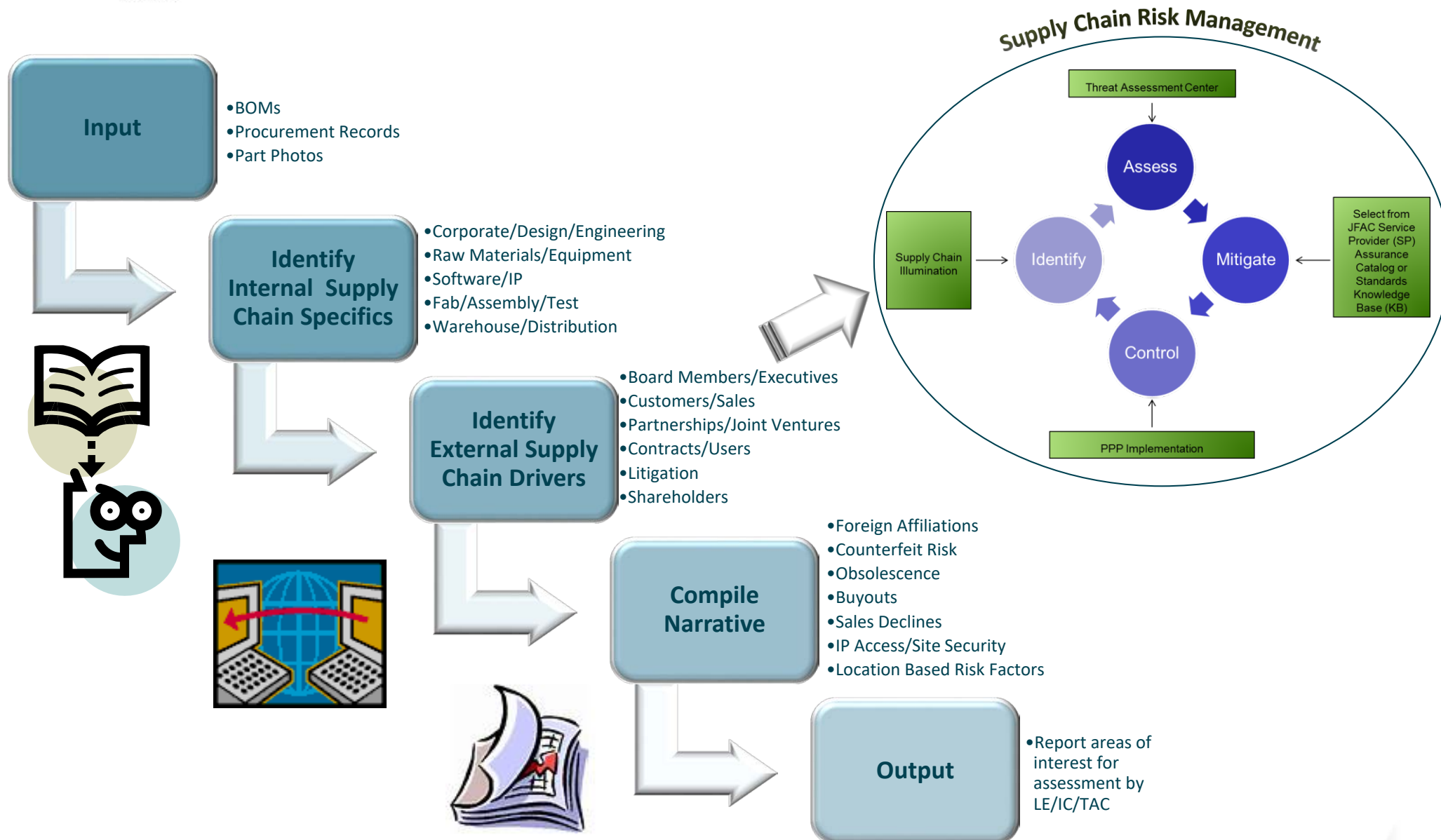


Dr. Brett Seidle, SES
Technical Director

Statement A: Approved for Public Release

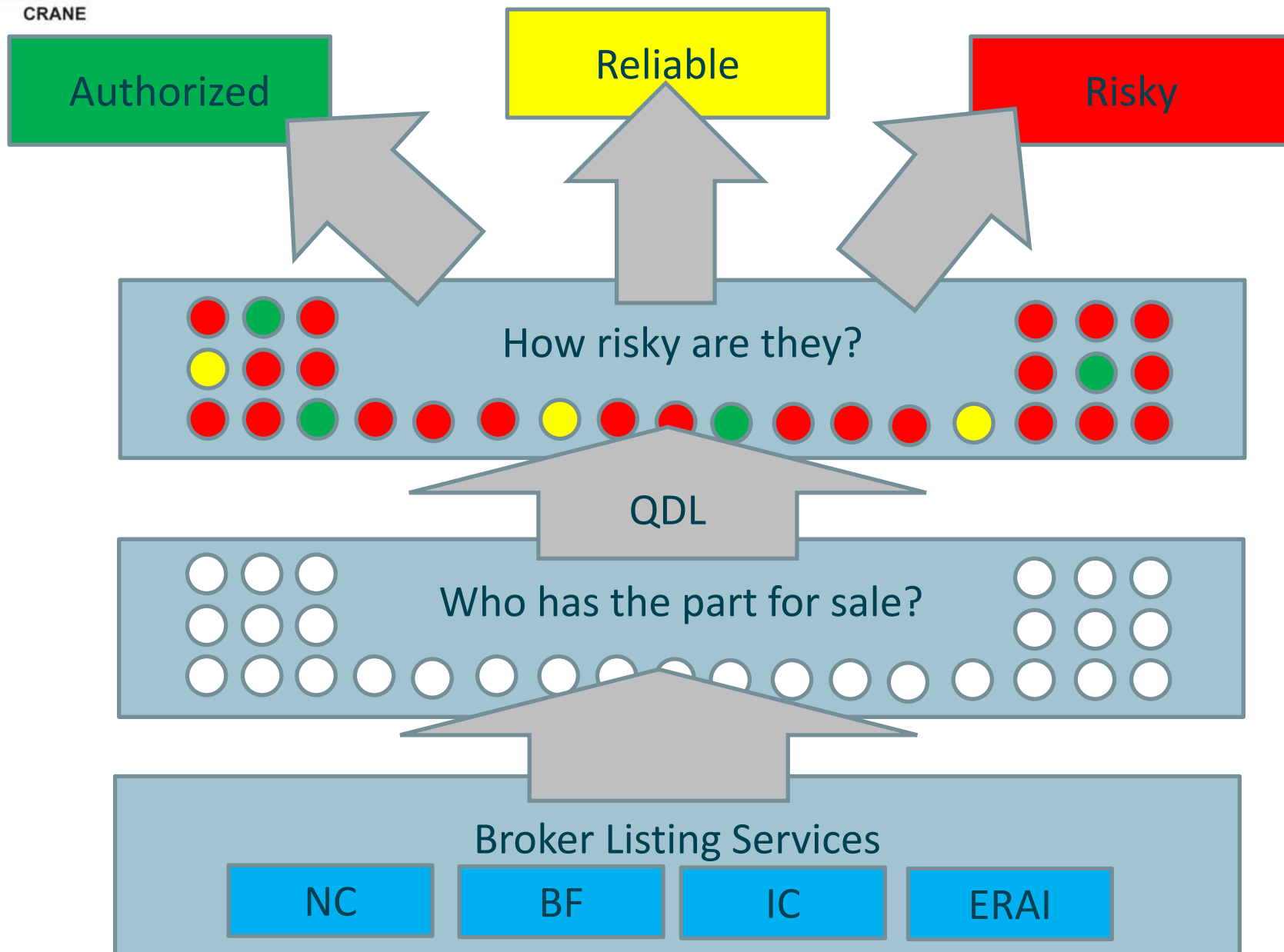
HARNESSING THE POWER OF TECHNOLOGY FOR THE WARFIGHTER

Supply Chain Awareness Reporting



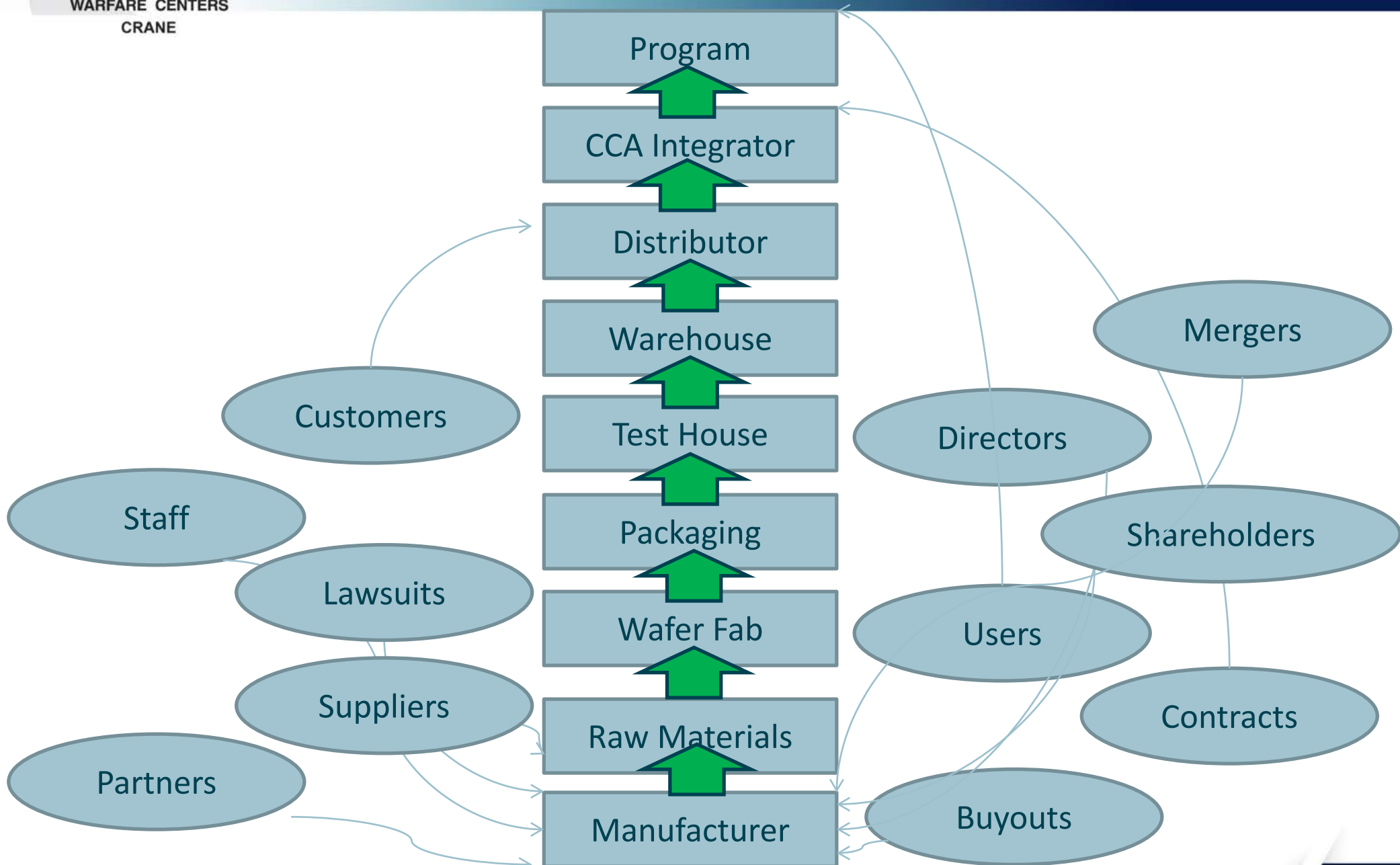
The Supply Chain Specifics

- Changes to materials or processes that may compromise function or reliability.
- Headquarters and country of incorporation.
- Largest national producers of raw material for production.
- Design Locations
- Design Tools
- Fabrications Locations
- Packaging Locations
- Test Locations
- Part Markings
- Warehouse Locations
- Third Party IP
- Equipment and Material Suppliers
- Sales Offices
- Authorized and Independent Distributors
- Obsolescence
- Counterfeit or Clone Activity
- Contractor/Integrator



- **Primary Customers**
- **Sales by Region**
- **Partnerships**
- **Joint Ventures**
- **Previous Federal Contracts**
- **Other DoD Users of the Device**
- **Past or Pending Litigation (For/ Against)**
- **Mergers and Acquisitions**
- **Management Staff/Board of Directors**
- **Primary Shareholders**

Supply Chain Risk Management











Raw Materials and Equipment







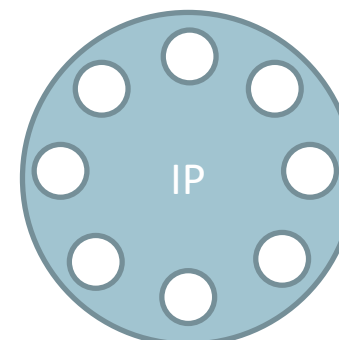
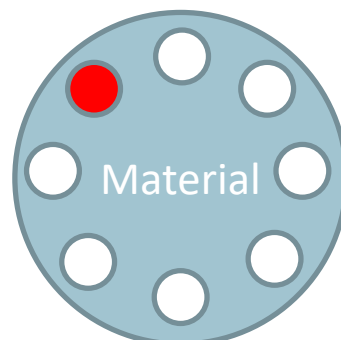
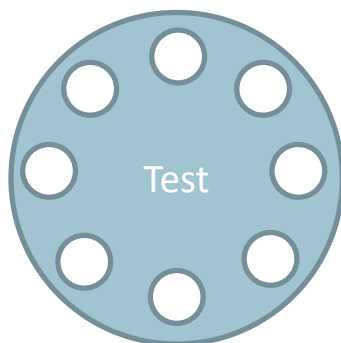
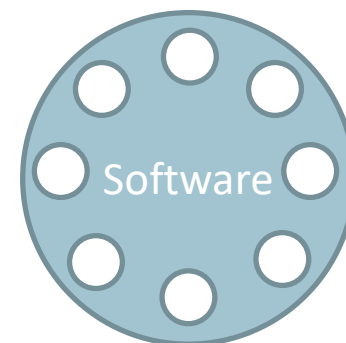
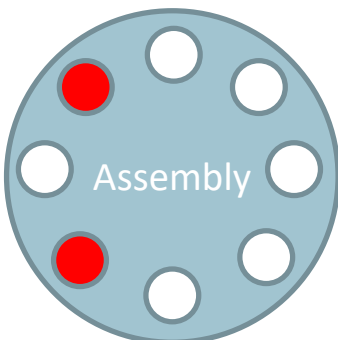
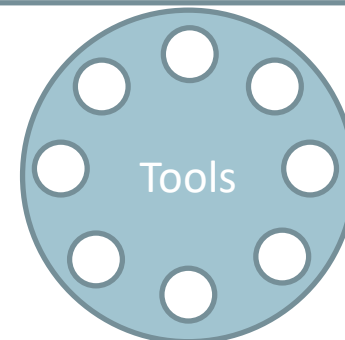
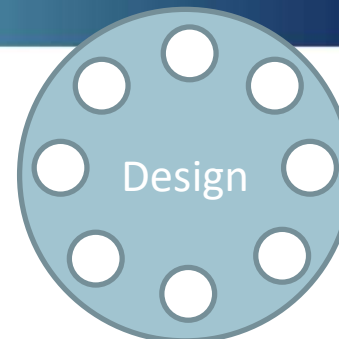
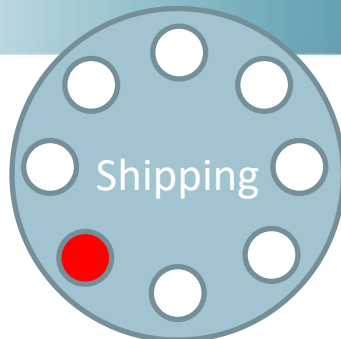
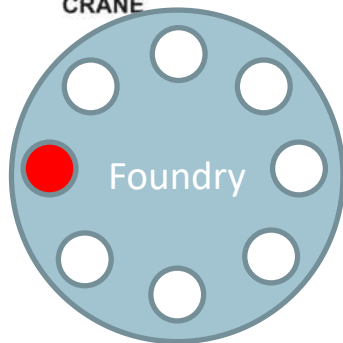
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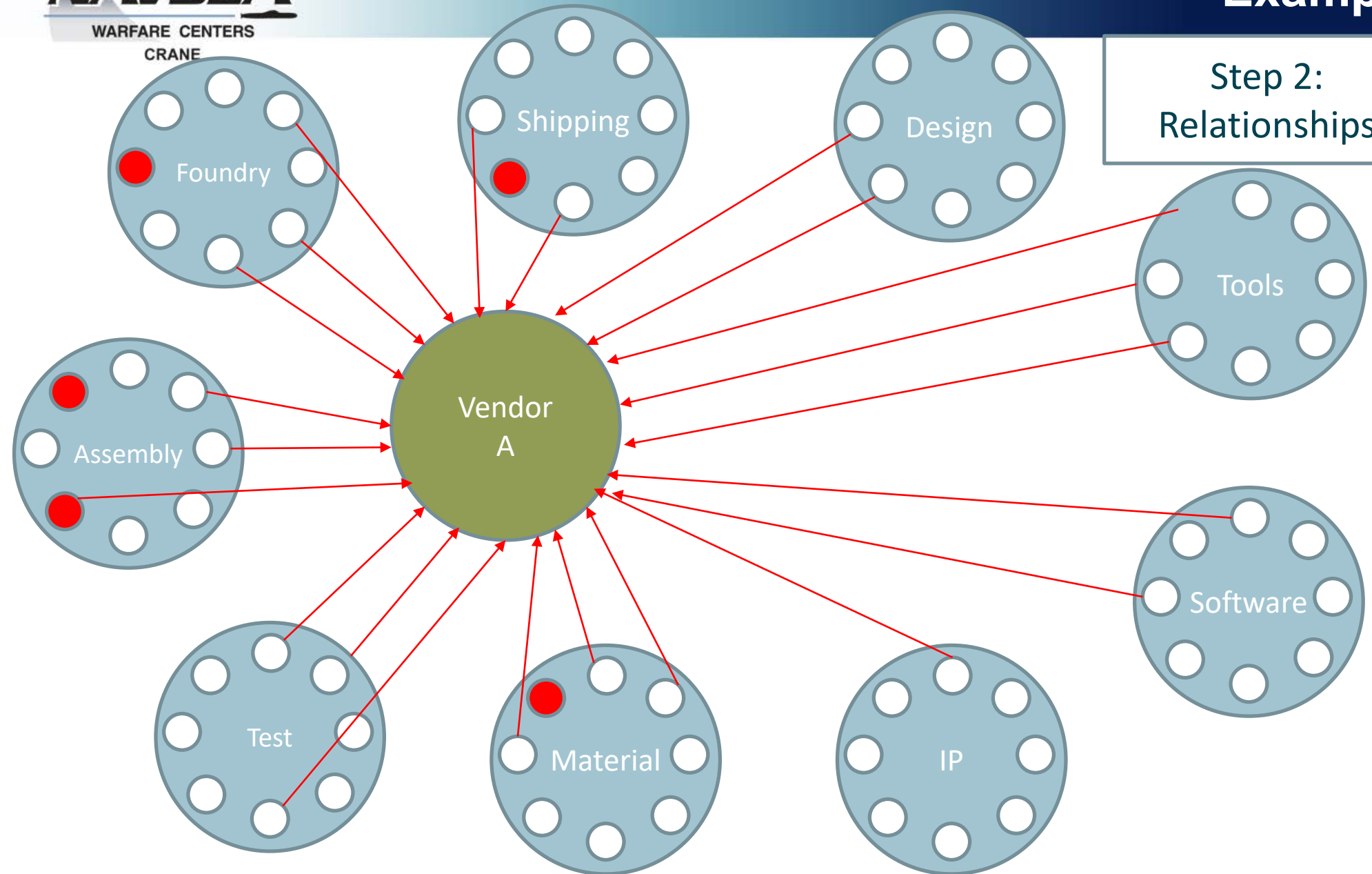
44,975

Index	Title	Provider
CPI	Corruption Perception Index	Transparency International
RPR	Regional Political Risk Index	PRS Group
FSI	Fragile State Index	Fund for Peace
PSAVI	Political Stability and Absence of Violence Index	World Bank
GEI	Government Effectiveness Index	World Bank
RQI	Regulatory Quality Index	World Bank
ROL	Rule of Law Index	World Bank
NDRI	Natural Disaster Risk Index	United Nations University
USIII	U.S. Chamber International IP Index	U.S Chamber of Commerce

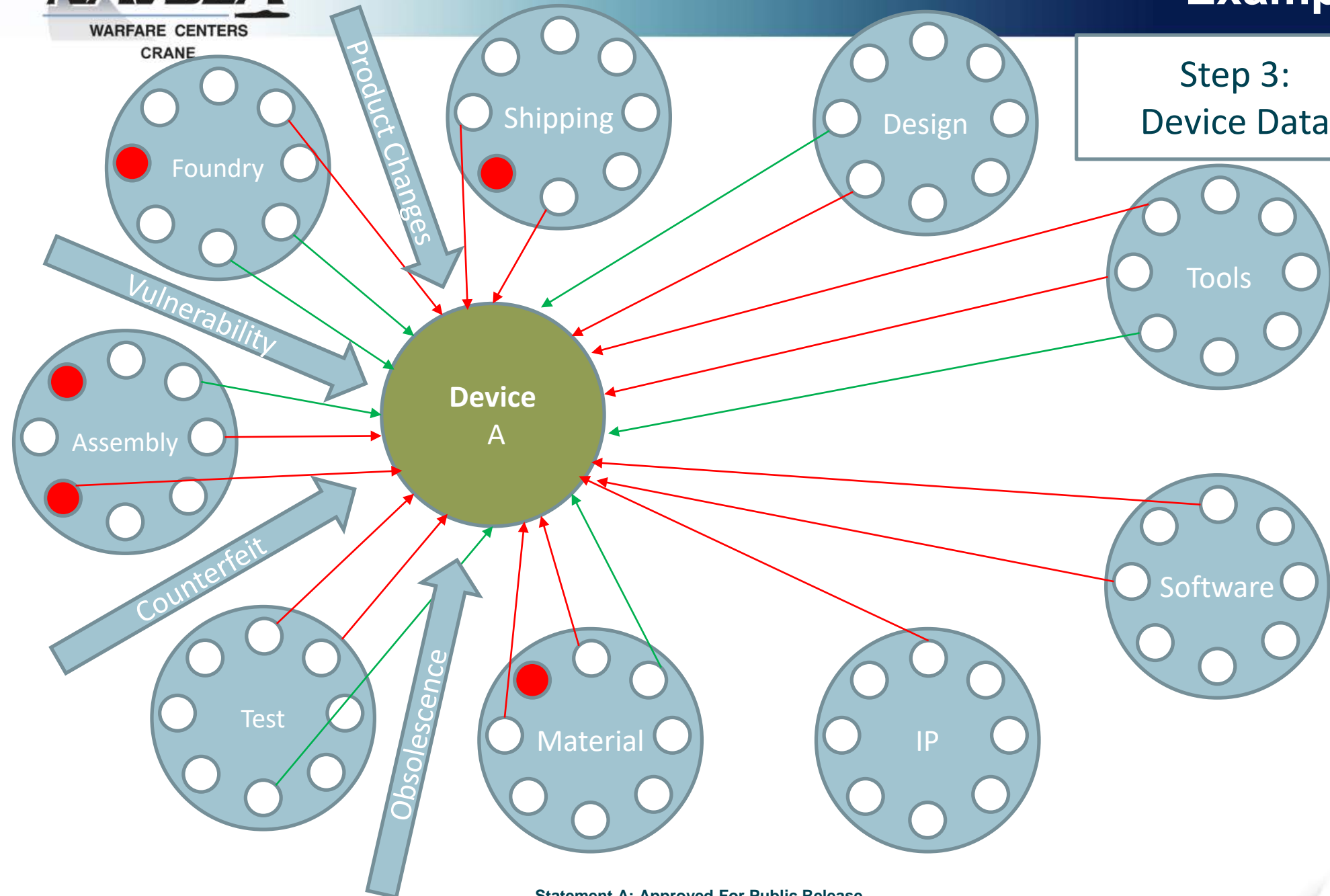
Step 1:
Base Map



Step 2: Relationships



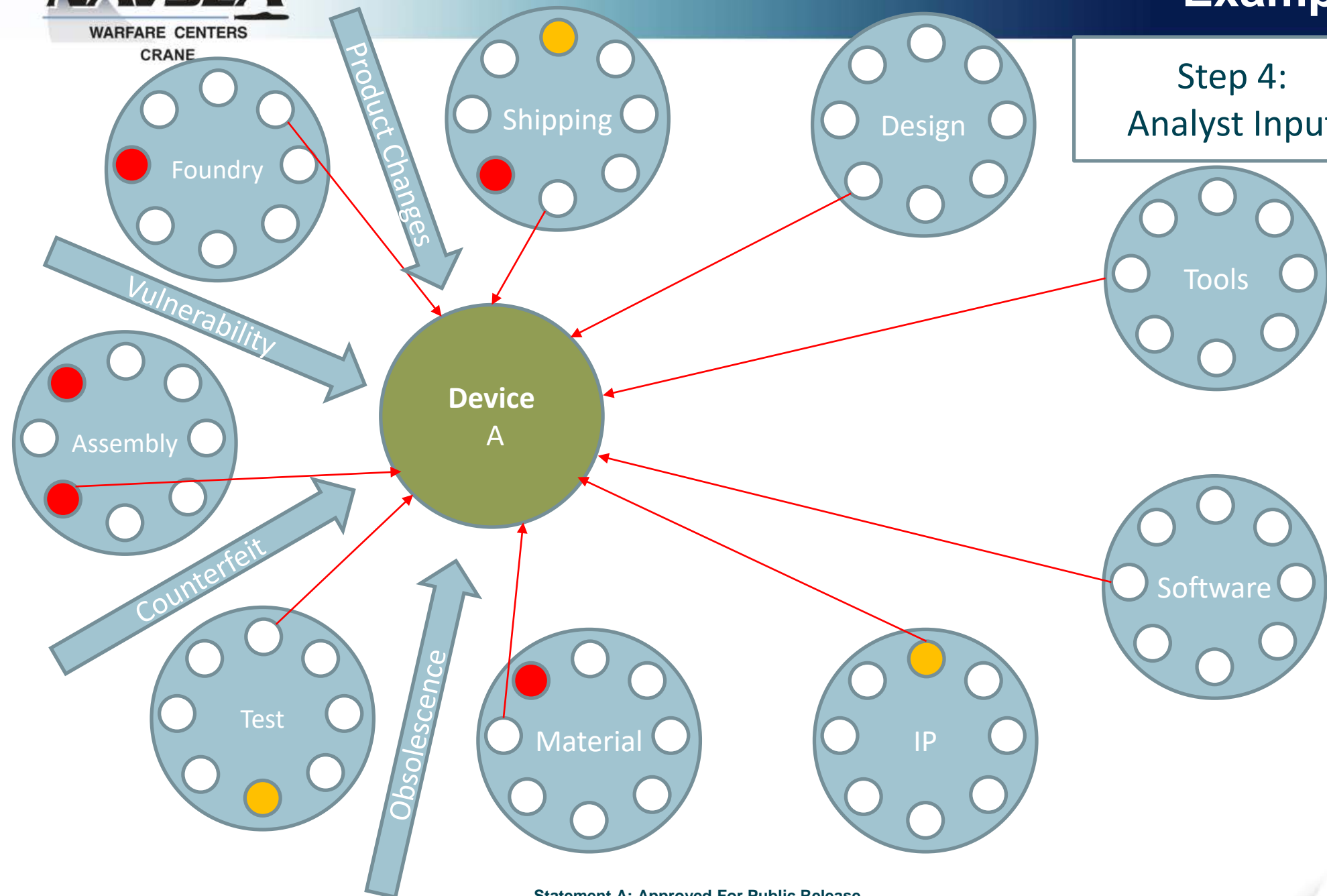
Step 3: Device Data



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Example

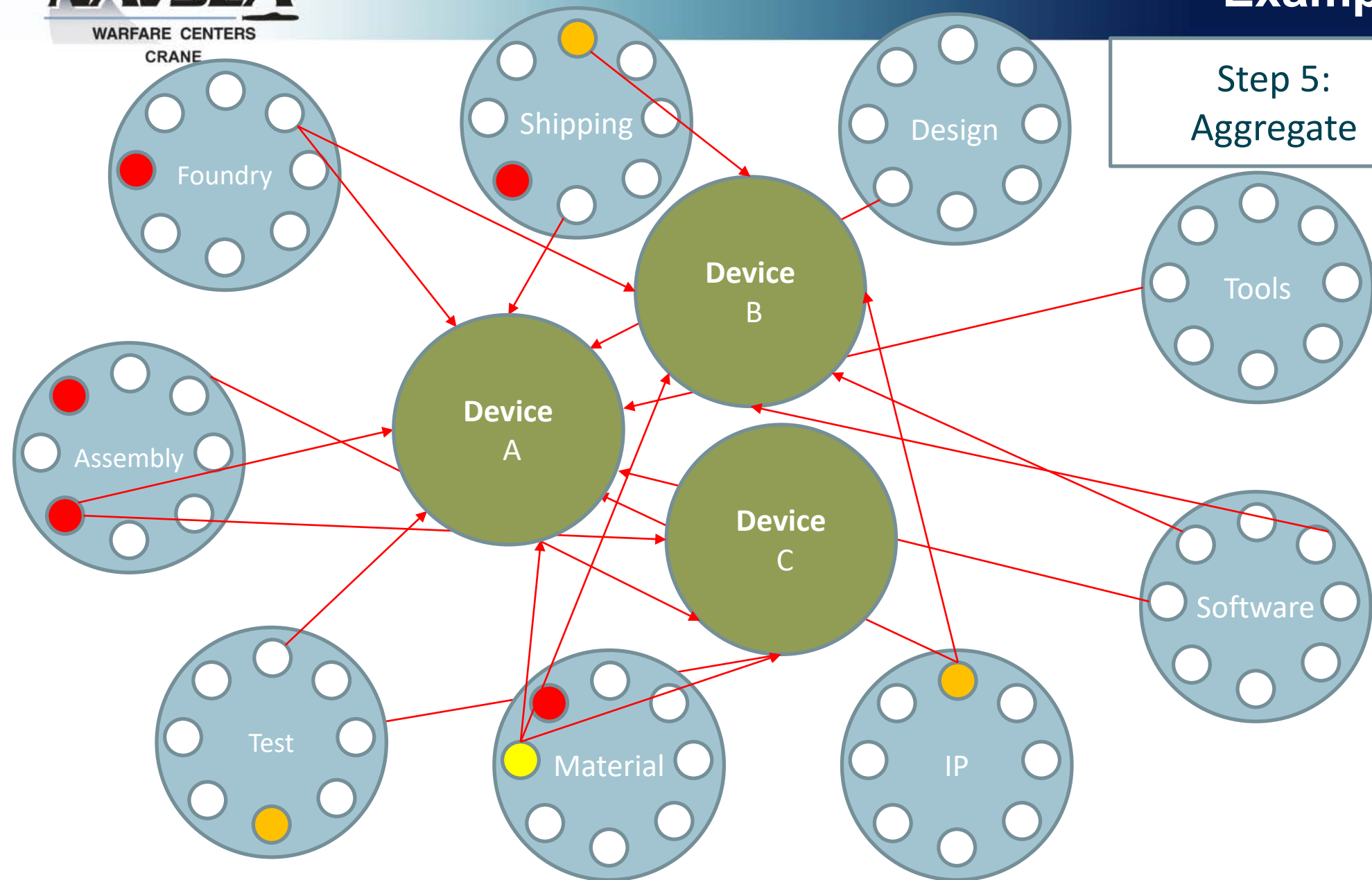
Step 4:
Analyst Input



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Example

Step 5:
Aggregate



Step 5:
Display

24% Obsolete

13% GIDEP Alert

9% Packaged by
Amkor

8% Unprocurable

21% Designed in
China

38% Sole Source

68% fabricated in
Taiwan

3% Product Change in
last 6 months

7% Cloned

1% Known
Vulnerability

31% Copper Bond
Wire

6% Long Lead

14% High Risk for
Counterfeit

Device
A

Device
B

Device
C