Electronics Division

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Who is NDIA

- **NDIA is You!**
  - 1,600 corporate and 85,000 individual members
- **Since 1919, a strong voice for the defense community**
  - comprised of affiliates, chapters, divisions
  - non-partisan, educational 501(c)3 nonprofit organization
  - does not lobby for any DIB segment or solution
  - advocates for strong Defense industry
- **Strengthen the government-industry partnership**
  - through dialogue, education, and interaction with OSD, Serves, COCOMs, Congress and Executive agencies

Trusted Microelectronics Workshops

- **Started in June 2013, 35 attendees, half-day event**

  – Held workshops every February and August since 2014

  – Expanded to full-day in 2015, in response to attendees request

  – More than160 attendees at each of past three events

- **Topics covered have included:**

  – Long-term microelectronics strategy: Government and Industry perspectives

  – Third party intellectual property security

  – DARPA's microelectronics programs

  – Globalization threats and responses

  – Policies and requirements overlap

  – Lifecycle sustainment planning for microelectronics

- **Launched Trusted Microelectronics Joint Working Group**

Workshops Have Been Organized Outside the NDIA Division Structure

Purpose of Division

- **Has "mission first" objectives in support of the warfighter and/or DoD stakeholder**

- **Focus on specific area, function or domain**
  - Manufacturing, Logistics, Undersea Warfare, Health Affairs

- **Serves as vehicle for exchange of views between industry and government**
  - Regularly host exchanges, produce products

- **Source of industry perspective on policy, regulatory, business and technology issues.**

- **Member driven**

Electronics Division continues the work of the Joint Working Group

What is a Division?

NDIA

- **Community of Interest (member and stakeholder)**
- **A key executor of NDIA strategy**
- **A formal, standing body established by CEO**
- **Governance with Charter**
- **NDIA has 27 Divisions across many areas of the Defense enterprise**
  - Warfighting domains, materiel capabilities, acquisition policy and process
  - Most have DoD liaison office and Govt membership
- **Underlies NDIA Integrated Mission Strategy**

Process of Becoming a Division

- **Develop proposal and business case**
  - Why, who supports, year one milestones
  - Launch plan

- **Develop a draft charter**
  - Purpose
  - Governance
  - Objectives

- **Demonstrate initial member and stakeholder commitment**
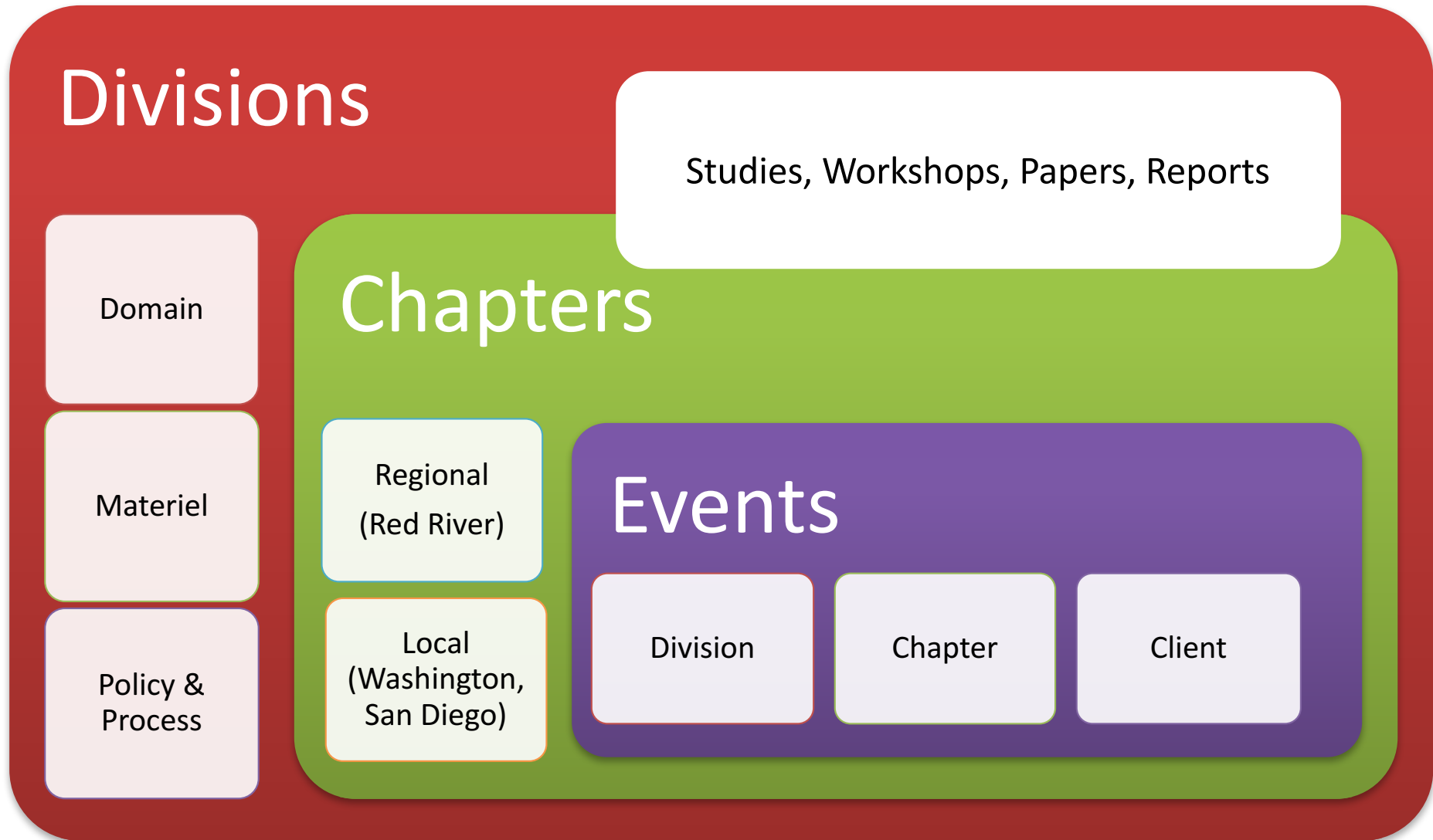
- **Present to CEO for approval**

Benefits

- **Better organized, formal collaboration**
- **Broaden reach and scope**
  - PrCB plus microelectronics
- **Expand Stakeholder base**
  - Presently DMEA and DASD SE
  - Bring in ONR and NSWC Crane (PrCB)
  - Bring in DLA, Services, Labs, DARPA?
- **Influence NDIA activity**
  - Program Development Advisory Council
  - Division/Chapter Leadership meetings

Discussion

Structure for Integrated Mission

Divisions
- Domain
- Materiel
- Policy & Process

Studies, Workshops, Papers, Reports

Chapters
- Regional (Red River)
- Local (Washington, San Diego)

Events
- Division
- Chapter
- Client

2018 Strategy Focus Areas

NDIA

- **Challenges of Small Business**

- **Acquisition Improvement and Regulatory Modernization**

- **Innovation in Technology and Process**

- **Protecting the Defense Industrial Base and Workforce**

- **Promoting Foreign Military Sales and Direct Commercial Sales (FMS/DCS)**

Critical Importance of Trusted Systems

- **National security challenges**
  - Executive Order 13806
    - Assessing and Strengthening the Manufacturing and Defense Industrial Base and Supply Chain Resiliency of the United States
  - FY2018 President's Budget Request nearly doubles Defense-Wide RDT&E funding for microelectronics, from $420m to $826m
    - Does not include funding for the Services RDT&E or Congressional additions
    - Does not include activities outside microelectronics, such as printed circuit boards