



# **SNIA Technology Affiliate Membership Overview**

July 2016



# Agenda



- SNIA Membership Type – Technology Affiliate (TA)
- Technology Affiliate Typical Use Case
- SNIA First Technology Affiliate
  - ◆ SFF Technology Affiliate Technical Work Group (TWG)
- Summary

# SNIA Launches a new class of membership - Technology Affiliate



- ◆ **Bylaws Section 5.7 Technology Affiliate membership class**
- ◆ In addition to Voting Members, SNIA shall have other categories of participants known as “Associate Members,” **“Technology Affiliate Members,”** “Individual Members,” “Non- Profit Institution Members,” “Geographic Forum Members,” and “Regional Affiliate Members.”
  - ◆ This group of participant categories is referred to simply as “Participants.” Participants shall not be “members” of the corporation as defined in Section 5056 of the California Corporations Code or any successor statutes, nor shall they have any of the rights of “members” which are provided by the California Corporations Code. Participants shall have only the rights expressly set forth in Article V of these Bylaws or expressly granted by resolution of the Board of Directors of SNIA. Rights of Participants, whether set forth in these Bylaws or in a resolution of the Board, are subject to change or elimination by the Board of Directors at any time. The qualifications, rights and duties of Participants are set forth in Article V of these Bylaws.
- ◆ **Technology Affiliate Members.** A “Technology Affiliate Member” shall be an enterprise interested in storage and storage networking systems or technologies, who agrees to comply with the SNIA Membership Agreement.
  - ◆ A Technology Affiliate Member shall pay dues, fees and assessments established from time to time by the Board of Directors. A Technology Affiliate Member shall have the rights, benefits and privileges conferred by the Board of Directors from time to time, which rights, benefits, and privileges shall be subject to change or elimination by the Board of Directors.

# SNIA Technology Affiliate Overview



## ➤ **SNIA Technology Affiliate (TA), membership category**

- ◆ Hybrid of both a Technology Working Group (TWG) and Forum/Initiative/Committee (F/I/C)
  - › Has a TWG Charter, technical deliverables, overseen by SNIA Technical Council
    - Can have complementary TA specific TWG Polices and Procedures (P&P) as an extension of general SNIA TWG P&P
  - › Has an Initiative business and governance model with paying members-only entitlements for participation, contributions, and voting, overseen by SNIA Board of Directors
    - Can have complementary P&P from default F/I/C P&P
  - › Are non-voting members of SNIA, considered a class of Participant
  - › Follow SNIA core policies for Bylaws, Policies and Procedures, and Intellectual Property (IP) Policies
  - › No requirement to be a SNIA Member to be a SNIA TA TWG member

# SNIA P&P Technology Affiliate Definition



## **Definition**

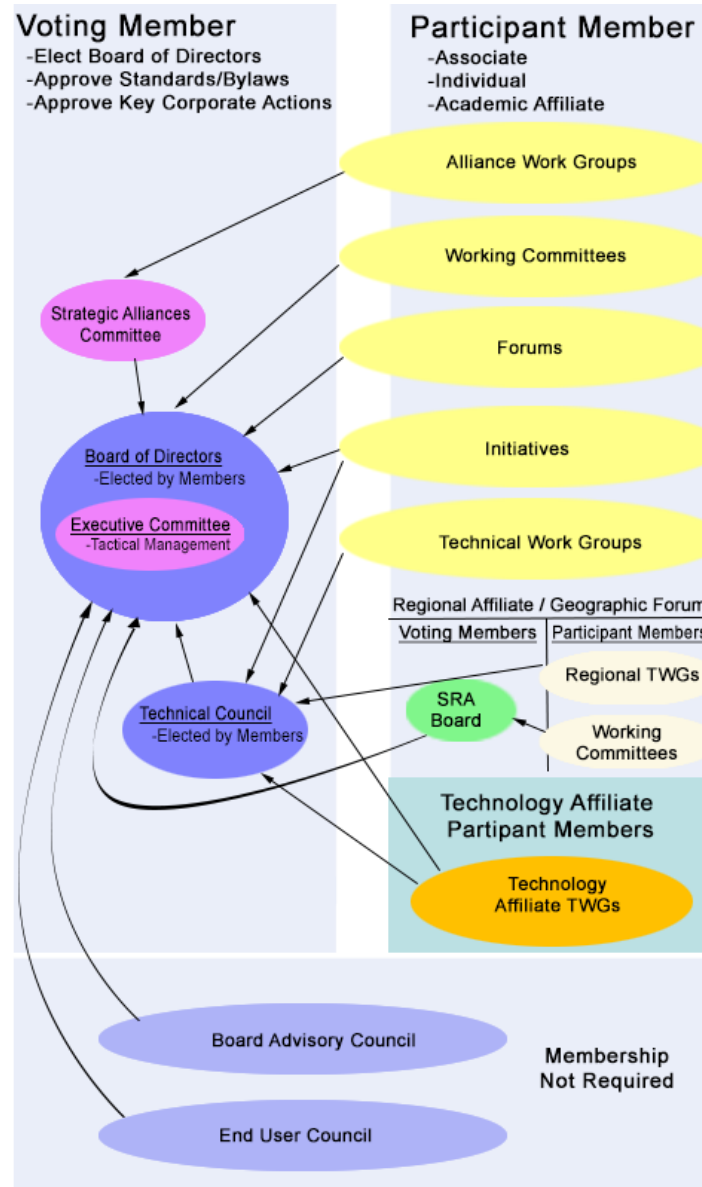
A SNIA Technology Affiliate is a group of MEMBERS authorized by the SNIA Board of Directors in response to requests and market interest, to act consistent with the SNIA's status as a vendor neutral organization to (1) advance the development and adoption of specific standards-based technologies, (2) promote the growth and development of storage and storage networking systems and technologies, and (3) identify interoperability issues and develop solutions for interoperability.

A SNIA Technology Affiliate is a Technical Working Body consisting of a specifically named TWG(s) and is overseen by the Technical Council to execute on its technical deliverables; and is overseen by the Board of Directors to operate within its charter and resources. The charter of a Technology Affiliate must be approved by both the Board of Directors and the Technical Council.

Membership in a Technology Affiliate is open to SNIA members and non-SNIA members who pay the required Technology Affiliate participation fee. Non-SNIA members who join the Technology Affiliate will become a SNIA member restricted to the entitlements of only the specifically named Technology Affiliate.

The Technology Affiliate is responsible for producing a TWG Charter and deliverables for the Technical Council; a yearly budget of the resources (people and funds) required in order to achieve these deliverables for the Board of Directors. These plans should be in a form that will allow new members to quickly glean state and direction of the body as well as motivate them to contribute to development.

# SNIA Membership Types

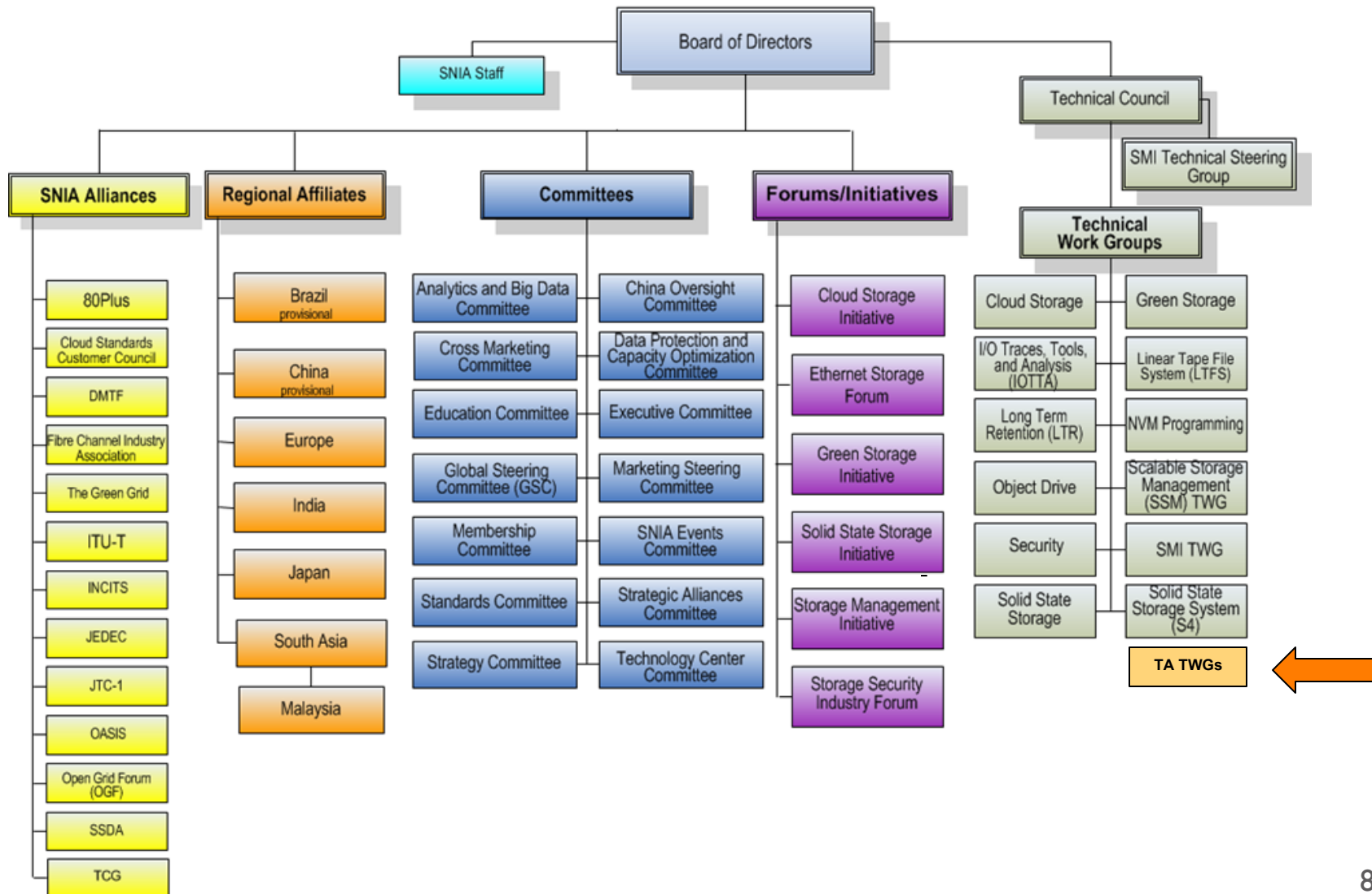


# SNIA P&P Entitlement Matrix Technology Affiliate Member



Rights	Voting Member	Associate / Individual Member	Geographic Forum / Regional Affiliate Member	Non-profit Member	Non-Member (General Public)	Technology Affiliate Member
Membership Votes at Annual Meeting	Yes	No	No	No	No	No
Committee <sup>1</sup> , Electoral, and Letter Ballot Votes	Yes	No	No	No	No	Yes <sup>3</sup>
Attend Committee, Forum, Initiative and TWG Meetings <sup>1</sup>	Yes	Yes	Yes	Yes	No	Yes <sup>3</sup>
Attend Conferences & Events	Yes	Yes	Yes	Yes	Yes	Yes
Charge for Conferences & Events	Yes	Yes (Higher Price)	Yes (Higher Price)	Yes (Higher Price)	Yes (Highest Price)	Yes (Higher Price)
Access “Member Only” Web Pages	Yes	Yes	Yes	Yes	No	Yes <sup>3</sup>
Reflector or Alias Access	Yes	Yes	Yes	Yes	No	Yes <sup>3</sup>
Access to “Unrestricted” Web Pages	Yes	Yes	Yes	Yes	Yes	Yes
Access to Publications & Standards	Yes	Yes (Higher Price)	Yes (Higher Price)	Yes	Yes (Highest Price)	Yes
Duty to Abide by IP Policy <sup>2</sup>	Yes	Yes	Yes	Yes	No	Yes
Notes	1 – Must be a member of the specific group, or get approval from the Chair of the group 2 – This duty may be waived if the Member qualifies for and signs the IP Policy Waiver 3 – Restricted to only the specific named Technology Affiliate workspace, activities, resources, deliverable					

# SNIA Committees including Technology Affiliate TWGs





# Agenda



- ▶ SNIA Membership Type – Technology Affiliate
- ▶ **Technology Affiliate Typical Use Case**
- ▶ SNIA First Technology Affiliate

# Typical Use Case for a Technology Affiliate



- **The Technology Affiliate class of membership is ideal for:**
  - ◆ Existing open industry communities with a single charter/technical work activity where the business model requires revenue/dues to sustain a technical deliverable and flexible policies
  - ◆ Vendor driven-ecosystem for a technical deliverable needing to progress to an open industry community.
- **Technology Affiliate is not intended to**
  - ◆ Replace traditional SNIA Technical Work Group or Technology Communities or committee structures
  - ◆ Be a platform where the primary objective is education, whitepaper, or business development

# Agenda



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# SFF Committee Transitions to SNIA SFF TA TWG – July 2016



- SFF Committee: [www.sffcommittee.org](http://www.sffcommittee.org)
- Leadership changes required finding a sustainable organizational structure compatible with business model, technology specification development processes, and IP Policy
  - ◆ De jure standards bodies would not fit due to one-size-fits-all for membership dues and specification development processes
- Membership has ongoing active roadmap of specification development as storage devices continue to evolve in technical features, form and function
- Within SNIA: [www.snia.org/sff](http://www.snia.org/sff)



# SNIA SFF TA TWG Charter



- ◆ Develop technical specifications as SNIA Architecture for storage media, storage networks, and pluggable solutions that complement existing industry standards work that encompass cables, connectors, form factor sizes and housing dimensions, management interfaces, transceiver interfaces, electrical interfaces, and related technologies. The specifications enable technology vendors to procure compatible, multi-sourced products and solutions
- ◆ Revisions to pre-SNIA SFF TA TWG specifications, SFF-8xxx and SFF-9xxx, currently publicly posted at <ftp://ftp.seagate.com/sff/> , and as revised, become SNIA Architecture. SNIA posting [www.snia.org/sff](http://www.snia.org/sff).
- ◆ As appropriate, advance SNIA Architecture developed by the SFF TA TWG to be incorporated into standards or adopted as standards by EIA (Electronic Industries Association), ANSI (American National Standards Institute), IEC (International Electrotechnical Commission), and JEDEC
- ◆ Coordinate efforts with other Committees and TWGs within and outside SNIA with respect to related aligned efforts, including the SNIA Standards Committee and SNIA Strategic Alliances Committee

# About the new SFF Technology Affiliate TWG



- ◆ SFF Technology Affiliate Technical Working Group is the first technology community with this new class of SNIA membership to develop technical specifications and standards.
  - ◆ The SNIA SFF TA TWG will continue the longstanding specification work of the SFF Committee.
  - ◆ The TWG will benefit from the structure and flexibility that SNIA provides for cross-industry community collaboration and standards specification development.
- ◆ SNIA's collaboration tools will provide the new SFF TWG organizational support, structure, intellectual property policies, and specification development processes.
- ◆ The SFF TA TWG will continue to focus on and develop technical specifications as SNIA Architecture for storage media, storage networks, and interconnects.
  - ◆ Their specification work spans cables, connectors, form factor sizes and housing dimensions, management interfaces, transceiver interfaces, and electrical interfaces.
  - ◆ The SFF TA TWG continues to develop specifications that will enable technology vendors to procure compatible, multi-sourced storage products and pluggable solutions

# SFF TA TWG Membership



- To learn more about the TA SFF TWG, visit [www.snia.org/sff](http://www.snia.org/sff)
- To join SFF TA TWG, [www.snia.org/sff/join](http://www.snia.org/sff/join)

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## SFF TA TWG

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- All Best Electronics
- Amphenol Interconnect
- Broadcom
- Cenlink
- Chant Sincere
- Ciena
- Circuit Assembly
- Cisco Systems
- Dell Computer
- EMC
- ENDL
- Finisar
- Foxconn
- Fujikura/ddk
- FUJITSU Techn. Sol. Gmbh
- Genesis Technology
- Gignet Electronics
- Hewlett Packard Enterprise
- Hisense Broadband Media Tech
- Inphi
- Intel
- Jess-link Products
- Leoni Special Cables
- Lotes
- Lumentum
- Luxshare-ict
- Mellanox Technologies
- Microsoft
- Molex
- Neophotonics
- Netapp
- Nextronics Engineering
- Pioneer/Standards Mgt Center
- QLogic
- Sandisk
- Seagate
- Shinning Electronics
- Sumitomo Electric
- Te Connectivity
- Toshiba Taec
- Volex
- Western Digital

Member list as of July 2016

# Summary



- **SNIA Technology Affiliate membership class**
  - ◆ Intended for any industry technical work effort aligned with overall SNIA Mission and Charter for storage, networked storage, and data management
  - ◆ SNIA can expand its mission and charter to accommodate new Technology Affiliates for new and broader technology domains
- **SFF TA TWG starts work under SNIA July 2016**
- **SNIA to solicit SNIA membership and industry-at-large technology ecosystems for new TA TWGs to be formed or transitioned**



# Questions



[membership@snia.org](mailto:membership@snia.org)