Wi-Fi Alliance

Wi-Fi is
everywhere!

Wi-Fi Alliance Overview

NIST Briefing

www.wi-fi.org

▶ Seamless Interoperability

From Work

To Home

In Airports and Hotels

Even Cafés & Restaurants

One standard everywhere!

Wi-Fi Alliance Mission

- Certify interoperability of IEEE 802.11 products

- Promote **Wi-Fi** as the global wireless LAN brand across all market segments, including the home, small office, large enterprise and public access areas

Wi-Fi Alliance Background

- Internationally recognized wireless LAN standards
  - IEEE 802.11b and 802.11a
- True "Ethernet" speeds
  - 11Mbps and 54Mbps
- Excellent range
  - 30-50 meters typical
- Price competitive
  - multiple vendors → increased volume and reduced costs
- Independent test labs
  - North America, Europe and Asia (two locations)
- ***Safe buy for consumers***

Wi-Fi Alliance Timeline

Wi-Fi Certification Begins

500+ Wi-Fi CERTIFIED Products

| 1999 | 2000 | 2001 | 2002 |

WECA (Wi-Fi Alliance) Founded

100 Wi-Fi CERTIFIED Products

193 Wi-Fi Alliance Members
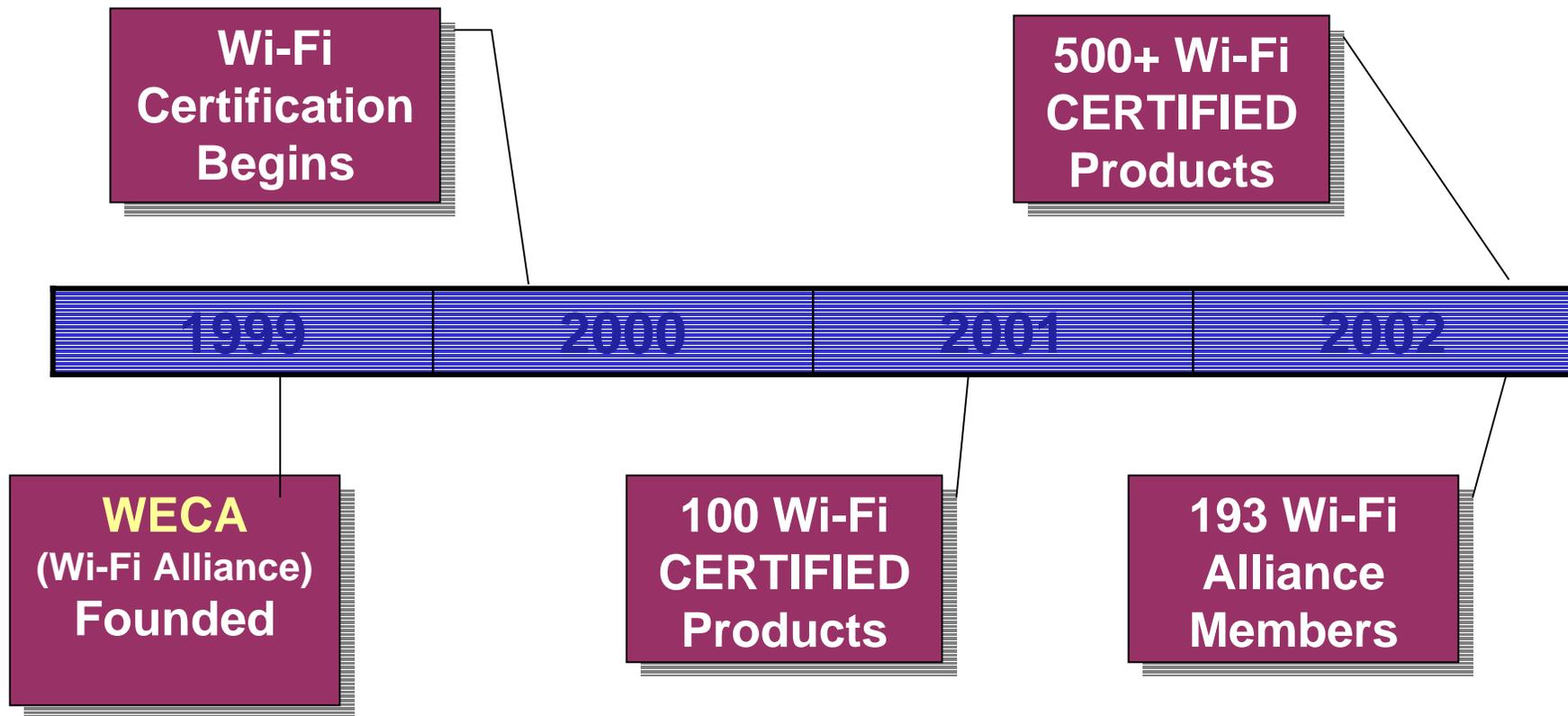
Member Company Locations

Europe
8%

North America
46%

Asia
46%
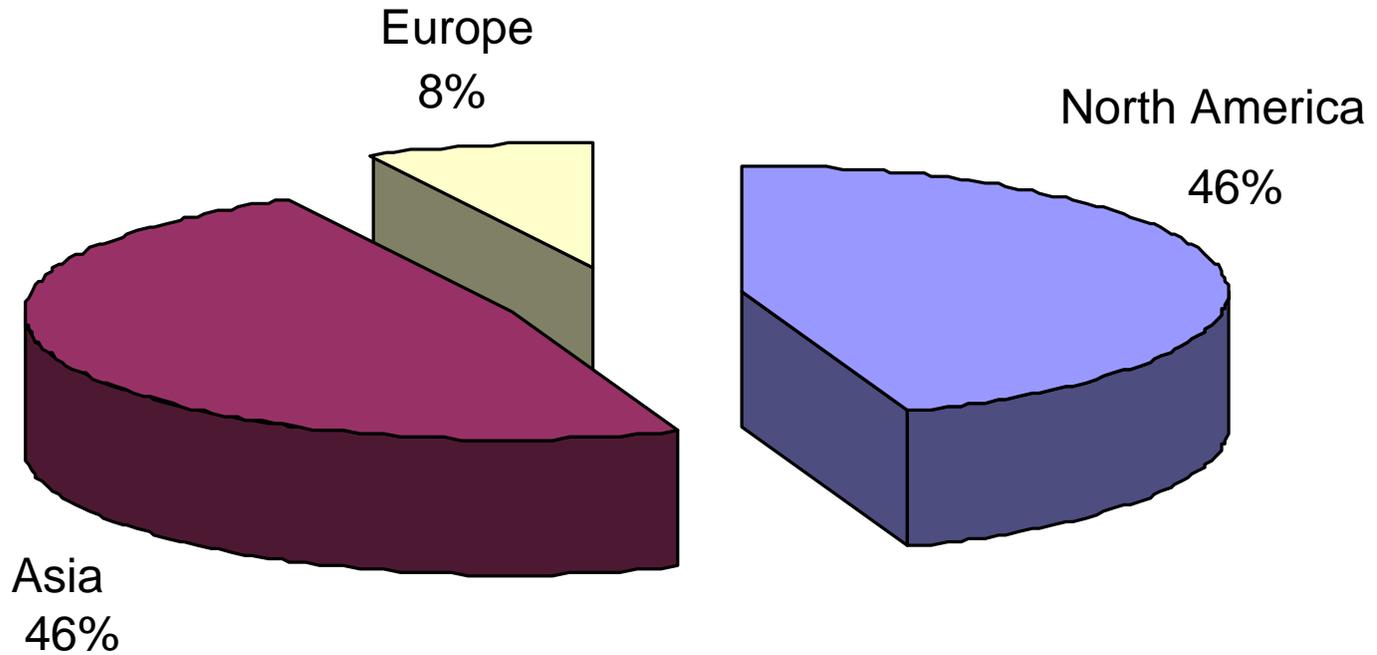
Source: Wi-Fi Alliance

Wi-Fi CERTIFIED Products
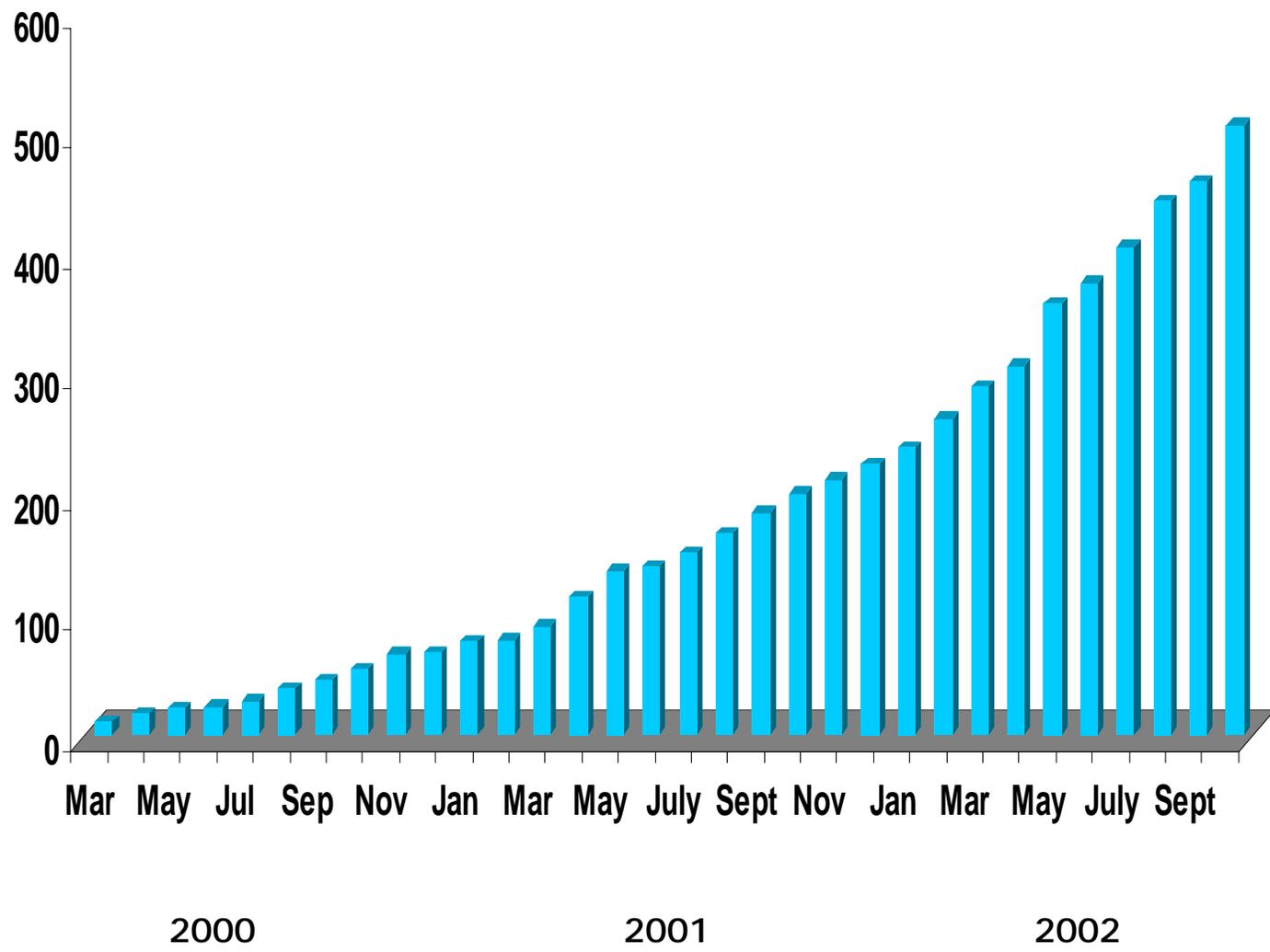
As of October 31, 2002

Global Wi-Fi Quarterly Unit Sales and Forecast

(Units in in Thousands)

Legend:
- SOHO/Home
- Enterprise

Y-axis: 0, 1,000, 2,000, 3,000, 4,000, 5,000, 6,000, 7,000

X-axis: 1Q00, 3Q00, 1Q01, 3Q01, 1Q02, 3Q02, 1Q03

Forecast
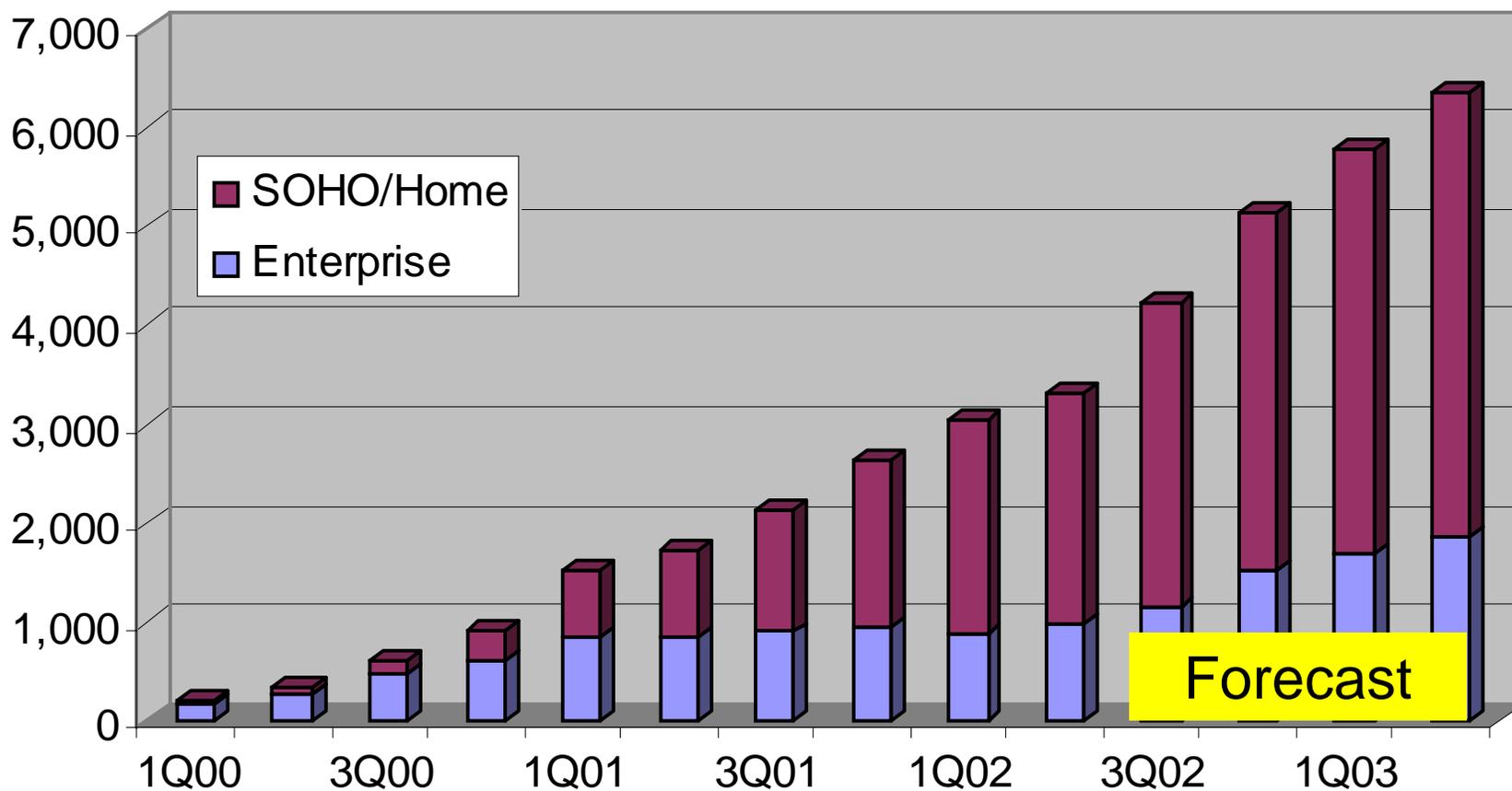
Evolution of Wi-Fi Products

A Few Years Ago

Last Year

Today

Increasing Wi-Fi Diversity

DSL Modem <1%
Cable Modem <1%
PC Card 27%
Residential Gateway 6%
Access Point 34%
PCI Card 4%
Mini PCI Card 17%
USB-D 1%
USB Client 7%
Print Server 1%
Flash Card 3%
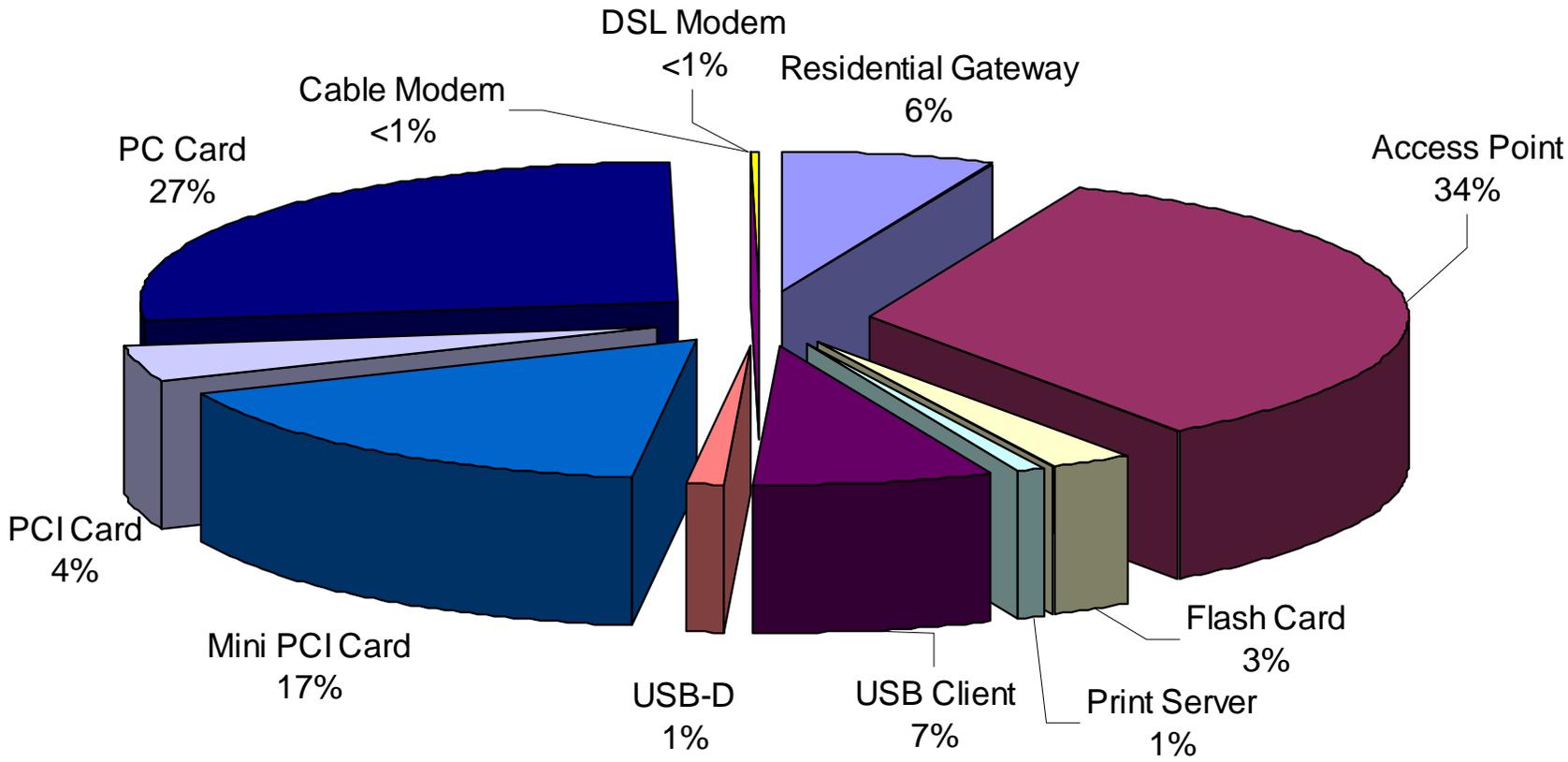
Source: Wi-Fi Alliance

Wi-Fi ZONE

- A globally recognized symbol of public access services
- Locations must meet and maintain criteria defined by this program

Technology Roadmap

Planned Enhancement	Estimated Task Group Completion	Product Availability	Earliest Wi-Fi Alliance Certification
Enhanced Multimedia Support	Q3 2003	Q4 2003	Q1 2004
802.11a for Europe	Q2 2003	Q3 2003	Q4 2003
Enhanced Security	Q4 2002	Q4 2002	Q1 2003
AES Enhanced Security	Q4 2003	Q4 2003	Q1 2004
802.11g	Q2 2003	Q4 2002	Q2 2003

Wi-Fi Alliance Board of Directors

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Intersil
Chair
Acting Secretary

Board Members

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Intermec
Vice Chair
Membership Director

Sarosh Vesuna
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Treasurer

Amer Hassan
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Agere Systems

Liam Quinn
Dell Computer

Bill Carney
Texas Instruments

Kirk Allchorne
Nokia

Barry Davis
Intel

Ko Togashi
Sony

Erwin Noble
Philips

Technical Organization

```
                        Technical Chair
                        Sarosh Vesuna
                              |
         +--------------------+--------------------+
         |                                         |
 Technical Director                      Technical Advisory Committees
   Greg Ennis                                      |
         |                                   +-----+
    +----+----------------+                  |
    |                     |              Regulatory
Certification Program  Task Groups
    |                     |                  |
    |                     |               WISPr
 Agilent Labs            +-- 802.11a Certification
                         |
                         +-- 802.11g Certification
                         |
                         +-- 802.11e Certification
                         |
                         +-- Dual-band Certification
                         |
                         +-- Security Certification
                         |
                         +-- RF/Quality Testing
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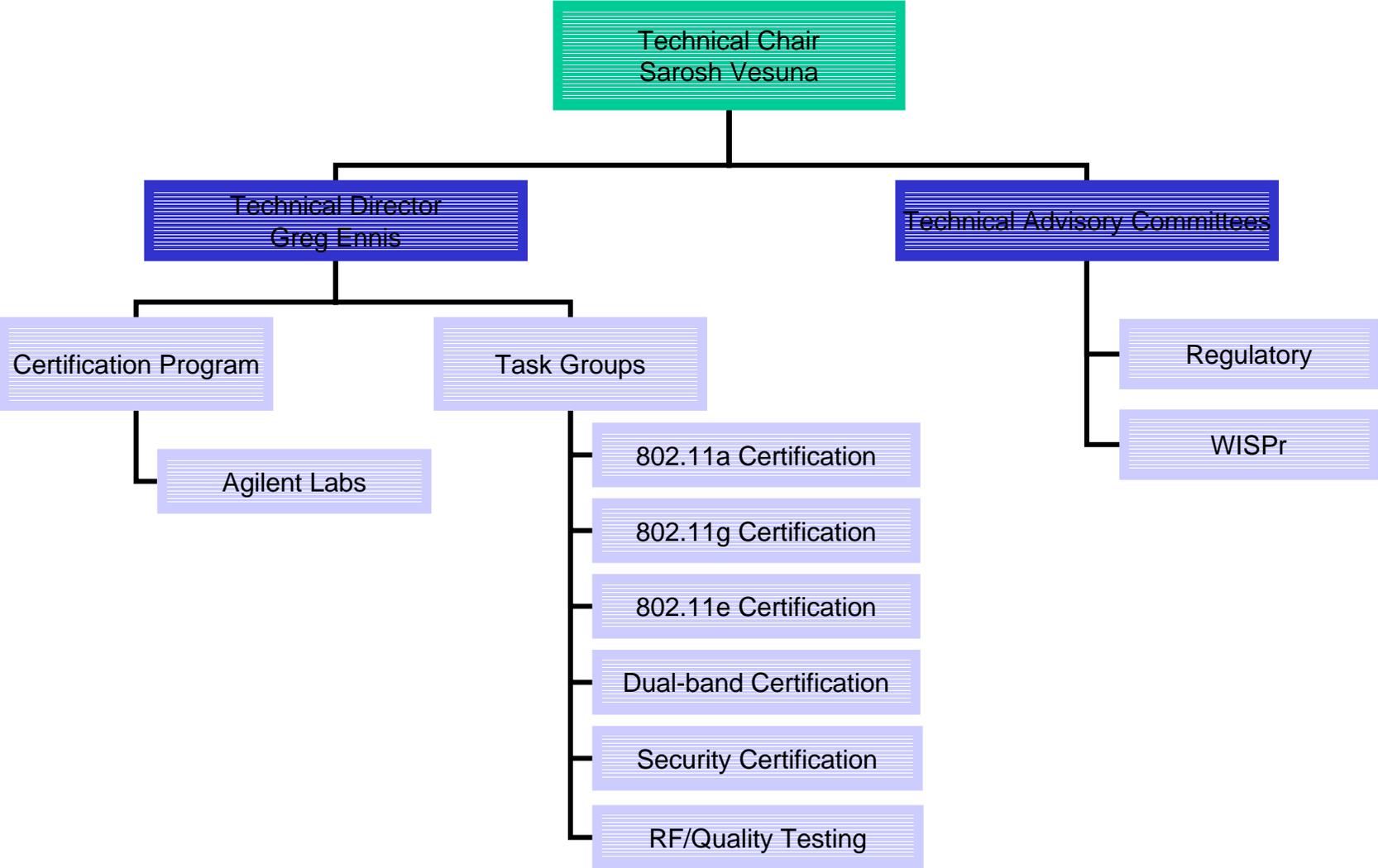
Marketing Organization

Marketing Chair
Amer Hassan

Marketing Director
Brian Grimm

Market Segment
Committees of the Board

International Market Development
Ko Togashi
Kirk Allchorne

Marketing & PR

Task Groups

Enterprise

Public Access

Home

Web Site

Public Relations

Brand Defense

Marketing/Brand Development

Event Management

Consumer Electronics

Security

Ease of Use

Public Access

Getting Connected