ember

ZigBee Certification

ZigBee Certification Options

ember

App → HA

App → Private

App → CBA

App → AMI

App → HA

ZigBee Cluster Library

ZigBee Features ⟷ **ZigBee PRO Features**

End Device
Interoperability

ZigBee Specification

IEEE 802.15.4

ZigBee
Product
Certified
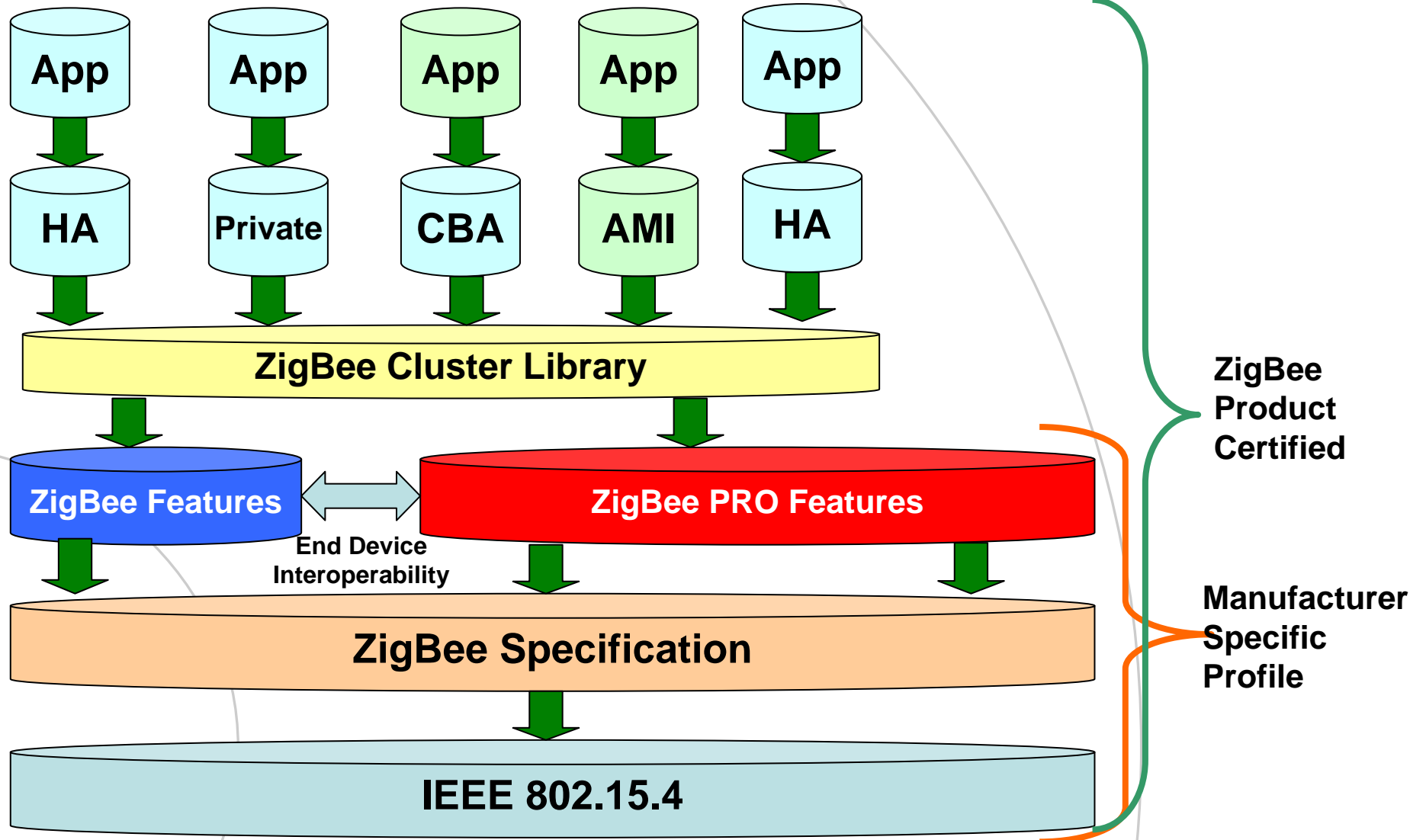
Manufacturer
Specific
Profile

ember

- **ZigBee Compliant Platform**
  - Required by ZigBee stack vendors (such as Ember)
  - Not required by product developers
- **ZigBee Manufacturer Specific**
  - Permits the use of ZigBee name, literature, and logos
  - Guarantees the product does not interfere with other ZigBee networks
- **ZigBee Certified Product**
  - Permits the use of ZigBee name, literature, and logos
  - Guarantees interoperability among products using the same *public* application profile
- **No certification**
  - Company must still join ZigBee Alliance to use the IP
  - No use of ZigBee name, literature, or logos is permitted
  - May use "Designed for ZigBee" in certain places (web site etc.)

ZigBee Platform Compliant

ZigBee Manufacturer Specific

ZigBee Certified Product

Manufacturer Specific Certification

ember

- ZigBee Manufacturer Specific
  - Certifies that this product does not harm other ZigBee Networks
  - Requires a product using a ZigBee Compliant Platform (stack)
  - Does *NOT* require use of a public application profile – although of course one may be used
  - Does *NOT* guarantee interoperability
  - Allows use of ZigBee name, literature, and logo
- Testing can be accomplished through third-party test houses, TUV or NTS

ember   ZigBee Compliant Certification

- **ZigBee Certified Product**
  - Certifies that this product is interoperable with other products running the same public application profile
  - Requires a product running a ZigBee Compliant Platform (stack) **and** a public Application Profile
  - Products with custom extension to a public application profile may still be certified
  - Allows use of ZigBee name, literature, and logo

- **Testing can be accomplished through third-party test houses, TUV or NTS**

ember

- **Promoter ($40,000 per annum)**
  - ZigBee "Board of Directors"
  - Responsible for ratifying specifications

- **Participant ($9,500 per annum)**
  - Full participation and voting rights
  - Access to work-in-progress specifications
  - Helps define all future direction of ZigBee

- **Adopter ($3,500 per annum)**
  - Access to current specifications
  - May release products using ZigBee IP
  - Receive updates, access to conferences

Link: http://www.zigbee.org/en/join/benefits.asp

Cost of ZigBee & certification

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- Membership: $3,500
  - Must be a member only for year you release product for commercial gain - do NOT need to renew!
  - Must be a member to release ANY product, not just certified product

- Logo Admin (only if you want to use logo)
  - $1,000 one-off first product, $500 subsequent product

- Testing (only if you want to certify)
  - $2,500 for MSP testing
  - Public profile testing per device, need a quote