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**The Institute  
of  
Electrical and Electronics  
Engineers**

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***Networking The World***



# The IEEE Today

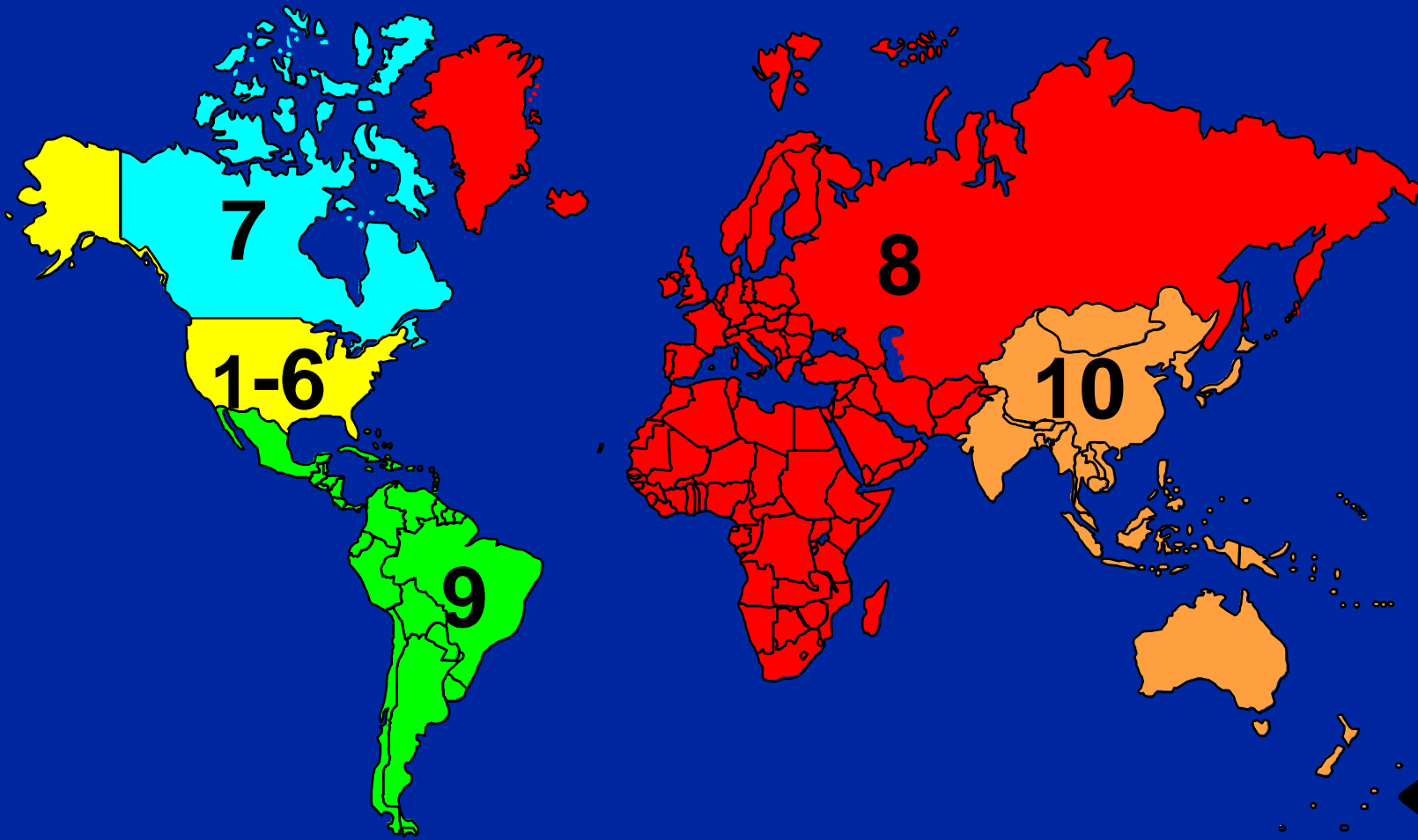
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- 315,000 members in 150 countries
- 37 Societies and councils including
  - Aerospace and Electronics Systems
  - Communications
  - Computer
  - Engineering in Medicine and Biology
  - Power Engineering



# IEEE Regions



# Our Mission

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- Promote technology and allied sciences
- Benefit humanity through electrotechnology
- Promote advancement of the profession
- Facilitate networking
- Promote member interests



# Primary Focus

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- Career Development
- Networking
- Technology
- Industry Relations
- Student Activities
- Public Understanding

# Primary Focus

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- Career Development

# Career Development

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- Life-long Learning
- Career professional development
- Career enhancement tools
- Resume guidance
- Employment assistance
- Retirement planning

# Primary Focus

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- Career Development
- Networking

# Networking

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- Professional/technical interaction
  - Conferences
  - Technical workshops, etc
  - Local IEEE meetings
  - National Society cooperation
  - Technical committees
  - IEEE electronic discussion groups



# Primary Focus

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- Career Development
- Networking
- Technology

# Technology

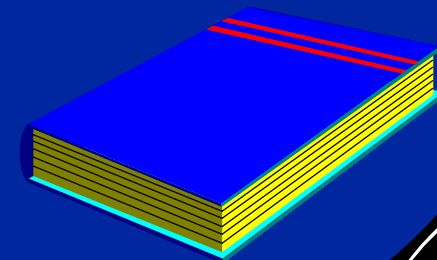
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Collect  
Record  
Index  
Disseminate



*Electronic  
and Print*



IEEE

# Technology

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- Collect, Record, Index, Disseminate
  - Transactions, journals & magazines
  - Standards
  - Conference records
  - Seminar & workshop proceedings
  - Technical & professional books



# Primary Focus

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- Career Development
- Networking
- Technology
- Industry Relations

# Industry Relations

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- Strengthen relationships with industry by showing benefits of IEEE membership
  - Corporate executive visits
  - Technical focus -- forums/meetings
  - Standards
  - IEEE UPDATE bimonthly newsletter
  - Promoting member achievements



# Primary Focus

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- Career Development
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- Student Activities

# Student activities

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- 900 IEEE Student Branches world wide
  - Industry contacts
  - Career exposure
  - Target publication
  - Beginning engineer
    - Transition assistance

# Primary Focus

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- Career Development
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- Public Understanding

# Public Understanding

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- Enhance public understanding of technology and its role in society
  - Contributions of engineers
  - Improved quality of life
  - Foster student interest in math and science
  - Promote improved quality of instruction for math, science and engineering education



# The 21st Century Engineer

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***IEEE - Networking The World***



# The 21st Century Engineer Attributes

- Solid technical education
- Good work ethic
- Developed “soft skills”  
(entrepreneurial)
- Global outlook
- Awareness of modern business  
practices



# The 21st Century Engineer Attributes

- Excellent communicator
- Team player
- Value networking
- Aggressive
- Manages own career destiny
- Flexible and adaptable





# *Networking The World*