

# Get Ready to Meet Challenges of Open Standards

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# Standard Classification

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- Statutory Standards
- De facto Standards
  - Exclusive monopoly
  - Alliance model
    - Open standard
    - Closed standard

# Statutory Standards and De facto Standards

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## ■ Statutory Standards

- International standard
- Regional standard
- National standard
- Industrial standard
- Local standard
- Enterprise standard

## ■ Conclusion: No clear limits between statutory standards and de facto standards

# Implication of Open Standards

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- Open standards
  - Generally, no use restrictions
  - During standards development, no manufacturers with veto, anyone can develop and use in accordance with the standards
  - Target: Make hardware, software products and services of competitors in the market be compatible, satisfying their most basic needs respectively
- Open standards in type of alliance (alliance standards) have been gradually becoming mainstream of standards
- Openness challenges both de facto standards and statutory standards

# Development of Open Standards

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- Situation in China
  - National standards and industrial standards are the mainstream
  - De facto standards are rather few
  - In de facto standards, alliances' standards gradually show their abilities
  - There are less exclusive monopoly standards due to the weakness of enterprises
- Problem: How to reflect the openness in both national and allied standards?

# The Challenge

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- What form of standard should statutory standards adopt?
  - To support open alliances' standards, and not to get rid of closed standards
- How do the statutory standards adopt open alliances' standards?
  - Can standards of OASIS and W3C become national standards?  
Problem of copyright
- Can organizations of statutory standards embody the openness?
  - The government institutions/alliance of enterprises? Websites and communities, corporate body for intellectual property rights?
- Can development process of statutory standards be suitable to the open standard?
  - Fast adaptation and adjustment

# Standardization Process Facing Transform in China

- Gradation of standards
  - National standards: standards with comprehensive, basic and general use, standards relating to national security, economic benefits, and macro adjustment and control
  - The Industrial standards have gradually been transited to industrial group standards
  - To lift progressively local standards
  - To strengthen enterprises' standards and alliances' standards
- Issuing Organizations
  - Multi-channel (governmental authorization, civil groups, allied enterprises)
- Characteristics of standards
  - To transit from mandatory standards and recommendatory standards to voluntary standards
  - Separation/cooperation of the standard from/with regulations
  - Separation/cooperation of the standard from/with administrative licence
- Forms of standards
  - Standard, guide, technological agreements, public norms
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# Many Thanks