

# The Application of IT to Standards Development

An assessment and look ahead

US Leadership in ISO and IEC

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# Kavi Corp

The world runs on standards. Standards organizations run on Kavi.

By the numbers:

Years in business: 10

Users: >140,000 people from >10,000 companies

Employees: 42

Customers: 85

# Current Customers

## Standards Consortia (SSOs)

Over 50 SSOs including USB, PCI, EPCGlobal, VICS, Trusted Computing, Wi-Fi Alliance, WiMax Forum, DLNA, ***Green Grid Alliance, SemiTest, HomePlug Alliance, Payment Card Industry Standards Consortium***

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## Standards Developers (SDOs)

ACS X9, SMPTE, AIAA

## Ecosystems

Power.org, Itanium Solutions Alliance, Blade Systems

# Focus on SDOs

- Introduction of the Kavi SDO Edition
- Supporting formal standards processes
- ANSI Essential Requirements
- Comment management & reporting
- ANSI ballot types
- Interest category support
- Audit preparation, documentation and BSR-9 filing



# IT Support for Standards Development

Considering how important standards are to the overall health of the ICT industry:

- .The segment is underserved
- .Standards processes aren't widely supported or understood
- .Commercial/custom solutions are expensive
- .Nearly every org has different tools

# Requirements

- Membership management
- Asynchronous Collaboration
- Document management
- Balloting
- Comment management
- Procedures & process documentation
- Archiving
- Reliable secure hosting and network mgmt



# Options - Full Custom



How hard can it be?

# Options - Integration

## Benefits

- Less custom development
- Basic components standardized
- APIs facilitate integration

## Tradeoffs

- How/where to host?
- Long term maintenance?
- License fees accumulate
- Update/upgrade fees
- APIs can break
- Managing multiple vendors consultants
- Customization
- Hardware costs





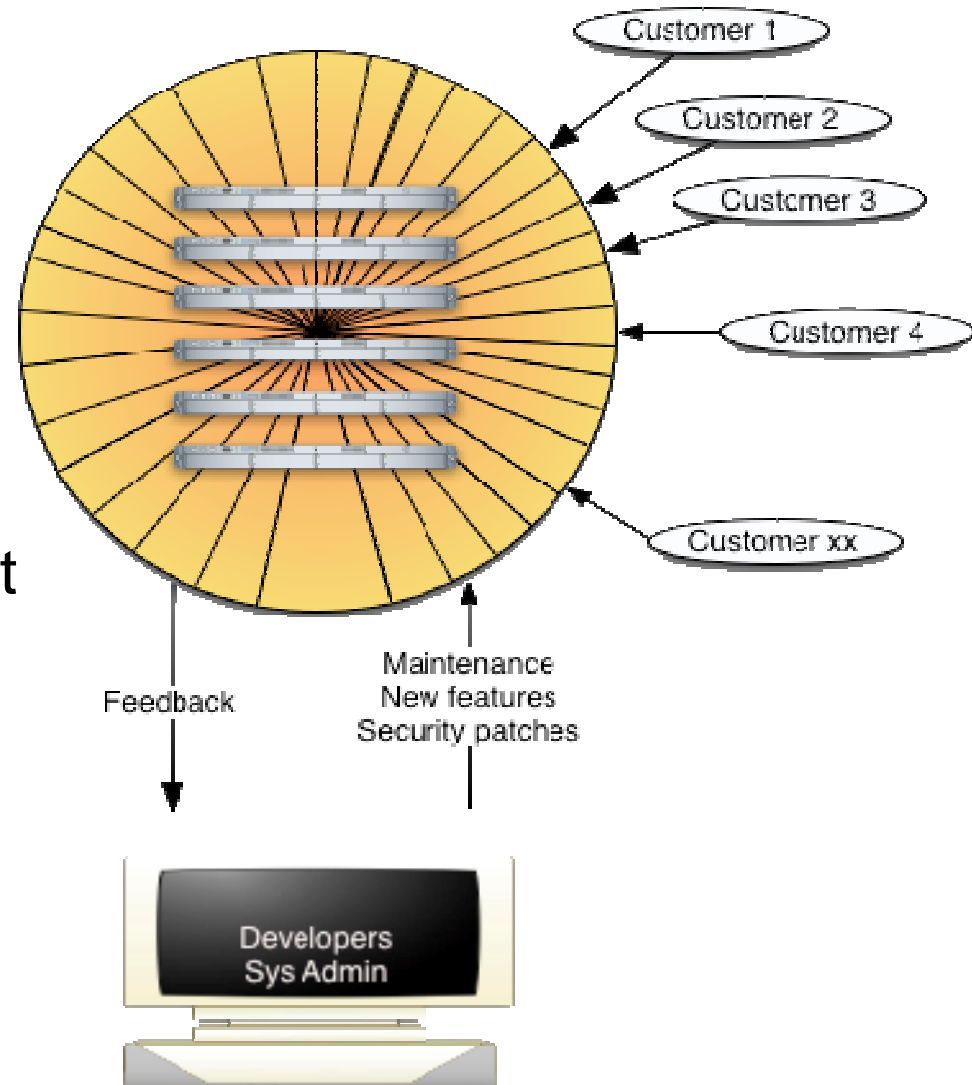
# Options- On-demand or SaaS

## Benefits

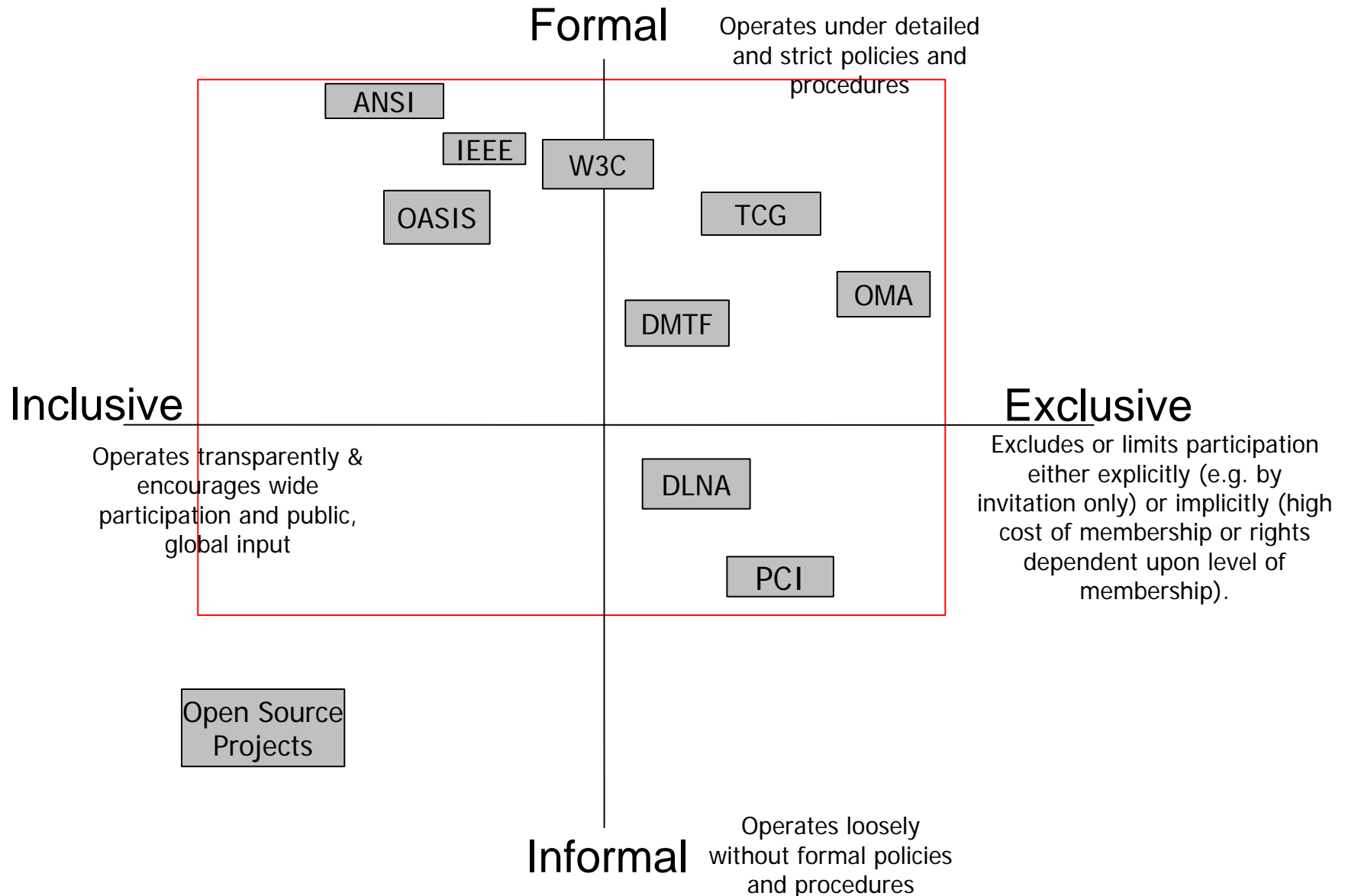
- Lower costs
- No SW licenses
- No hardware
- People costs
- Quality and security
- Reliability of service
- Continuous improvement

## Tradeoffs

- Lack of flexibility
- Limited branding
- Customization limited



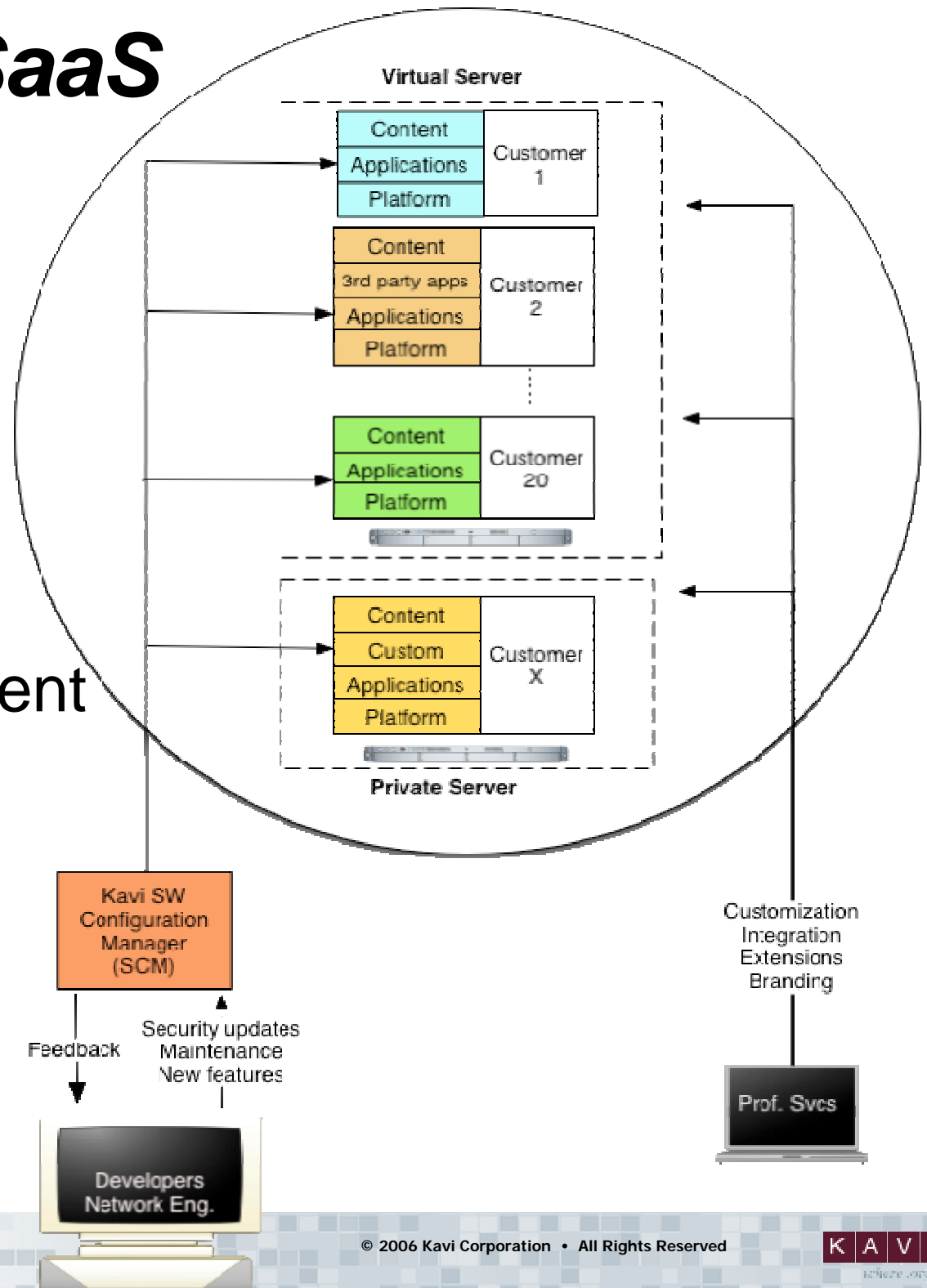
# US Standards Setting Orgs



# Kavi Flexible SaaS

## Benefits:

- Lower costs
- No SW licenses
- No hardware
- People costs
- Quality and security
- Continuous improvement
- Reliability
- Flexibility
- Branding
- Customization
- Integration



# IT support for standards developers

- The volunteers do the heavy lifting
- A second full time job for chairs and lead contributors
- What can be done to support them?



# Making your second life easier today

- Automate the drudgery (commerce tracking)
- Empower the decision makers/referees
- Encode policies/procedures into the infrastructure
- Simplify process documentation
- Archive everything
- Aggregate the info - don't make me look for it



# Making your second life easier today

- RSS feeds and email notification
- Personalized view into “My Committees”
- Calendars that sync to desktop
- Integration

# Making your second life easier today

- Productivity tools for chairs/secretariat
  - Roster management
  - Comment management
  - Process documentation and audit prep
  - Balloting and voting eligibility
  - Document management
  - Reporting

# Future - What to expect

- Collaborative authoring tools
- Better inter-org communication (liaison support)
- “My orgs” - aggregation of all your committees across orgs
- Standardization of tools
- Single sign-on access to a complete suite of tools - the Web Services vision



# Questions for the group

- What pain points do you experience that could be addressed with IT?
- How could global collaboration become easier or more effective?
- Is there a tool that you wish you had?

# Other Suggestions? Questions?

*The world runs on standards*



***Standard setting organizations run on Kavi***

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