



P124 Smart Distribution Applications and Technologies

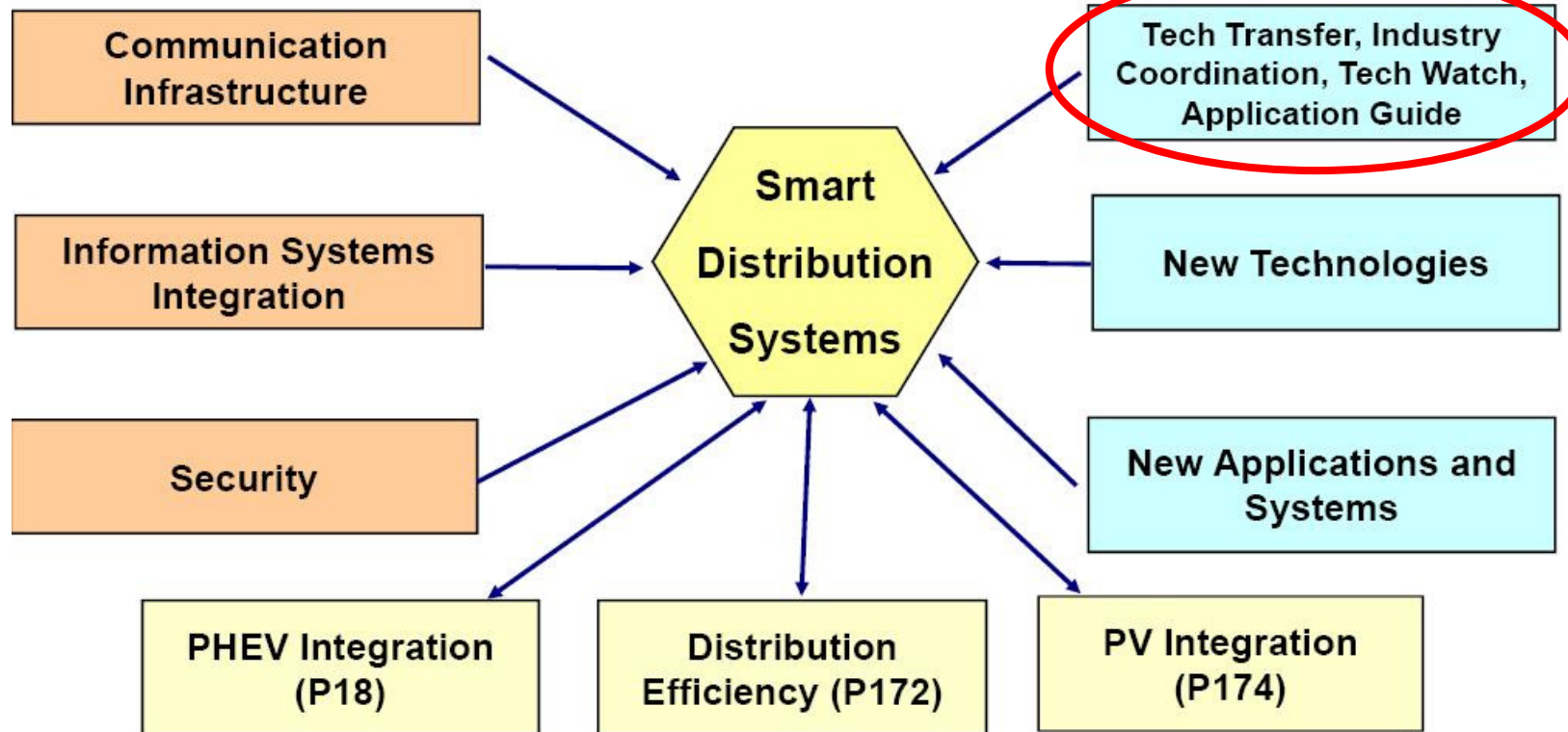
**P124A – Smart Distribution
Guidebook update**

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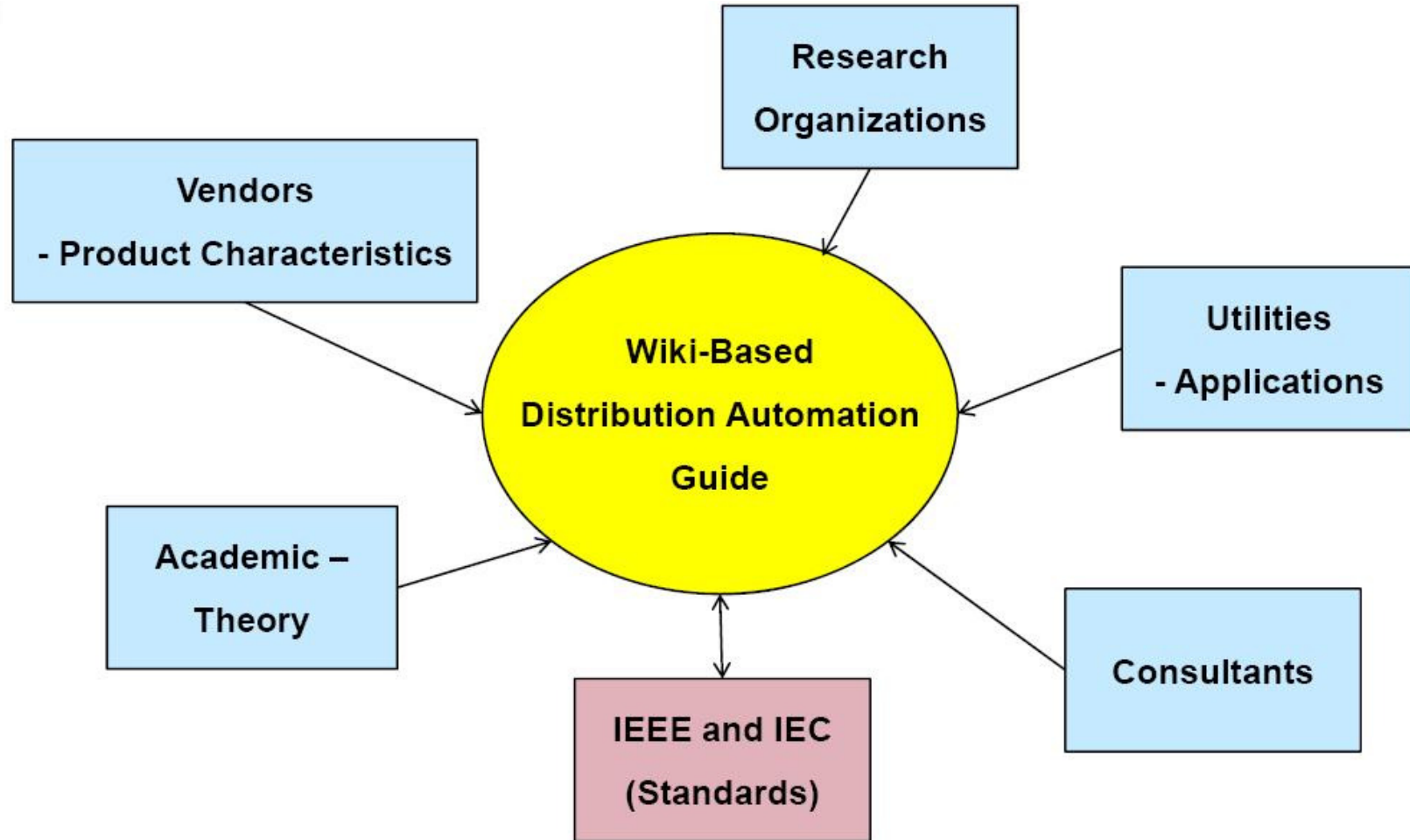
Smart Distribution Applications and Technology

Infrastructure (P161)

Applications and Technology (P124)



Smart Distribution Application Guide



A wiki based distribution automation guide

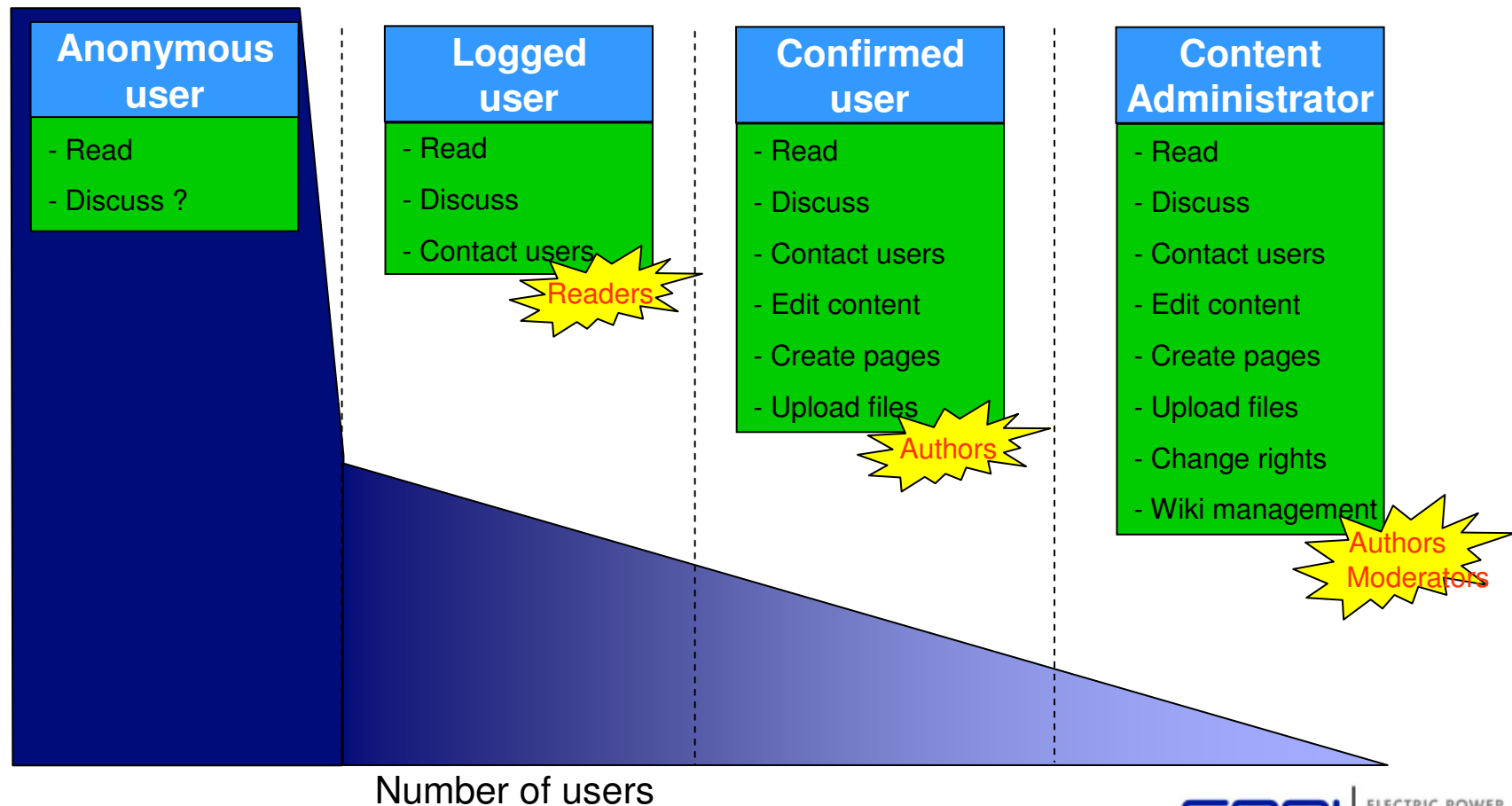
- What is a Wiki ?
 - A **wiki** is a collection of web pages designed to enable anyone with access to contribute or modify content, using a simplified markup language
 - Wikis are often used to create collaborative websites and to power community websites
 - Wikis are used in business to provide intranet and knowledge management systems
- Why a Wiki ?
 - The most simple form of a database
 - Open source software (free of charges)
 - Easy access and interaction to publish information
 - Multi-user, discussion, review capabilities

Smart Distribution Wiki: objectives

- To provide and share **relevant and unbiased information** related to the development and implementation of advanced distribution systems necessary to achieve the Smart Grid vision for power systems
- Act as an **open information resource center**
 - Vision, roadmap
 - Applications, functional requirements
 - Technologies
 - Data management
 - ...
- Information and documents posted on the wiki must be **free of rights and publicly available**

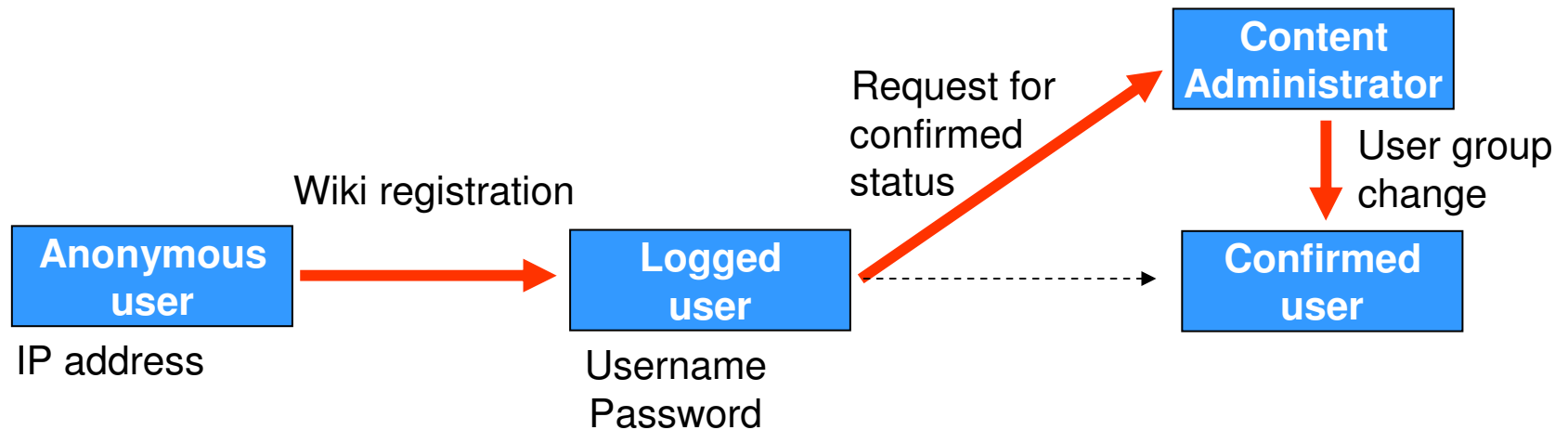
Smart Distribution Wiki: users and rights

- 4 user categories with associated rights to manage and control the information published on the wiki



Smart Distribution Wiki: users and rights

- Anonymous users: IP address
- Logged users: automatic registration process on the wiki
- Confirmed users: status set by Content Administrators
- Content Administrators: fixed list limited to IEEE DAWG officers and EPRI staff



Smart Distribution Wiki: Demonstration

- <http://wiki.powerdistributionresearch.com>

- Demonstration: Users

- Anonymous
- Logged
- Confirmed
- Content Administrator

- Demonstration: Functions

- Create a new page
- Edit an existing page
- Upload a file

