



# ITRI OCP Center Update

## 2014





# ITRI OCP Cert Center/OCP TW Timeline



March, 2013  
Initial conversation



May, 2013  
OCP Taiwan Started



August, 2013  
OCP Hardware at ITRI



October, 2013  
OCP Center Setup and  
Testing

April, 2013  
OCP Invites ITRI



May, 2013  
OCP Tokyo Workshop



August, 2013  
OCP Training



Dec 27, 2013  
OCP Center Operational

Oct 1<sup>st</sup>, 2013  
OCP C&I Workshop





# ITRI OCP Center Key Dates

- November, 2013: Alpha operation
- December, 2013: Beta operation
- December 27th, 2013: Operational
- Jan 28<sup>th</sup>/29<sup>th</sup>, 2014: OCP Summit
- Mar 3<sup>rd</sup>/4<sup>th</sup>, 2014: ITRI OCP Cert Center Grand Opening + OCP Workshop + Product Demo



# ITRI OCP Cert Center Primary Activities

## Certification of OCP Systems

## Maintenance of Certification Repository

- Host official “Certification” Packages, including prior versions
- Create, test, and revise certification packages for new OCP systems
- Publishing/hosting certification results

## Evangelism and Communication

- Support OCP community (consumers and vendors) needs
- Participate in OCP activities
- Host OCP activities in Asia
- Support OCP Taiwan activities



## Vendors, SP, and Consumers

- Debugging/Design iteration with new products
- “Themed” Hack-a-thon
- System Re-certification  
(based on delta in key components: CPU/DIMM/HDD/PSU/NIC)
- Certified Solutions (L11/interoperability)

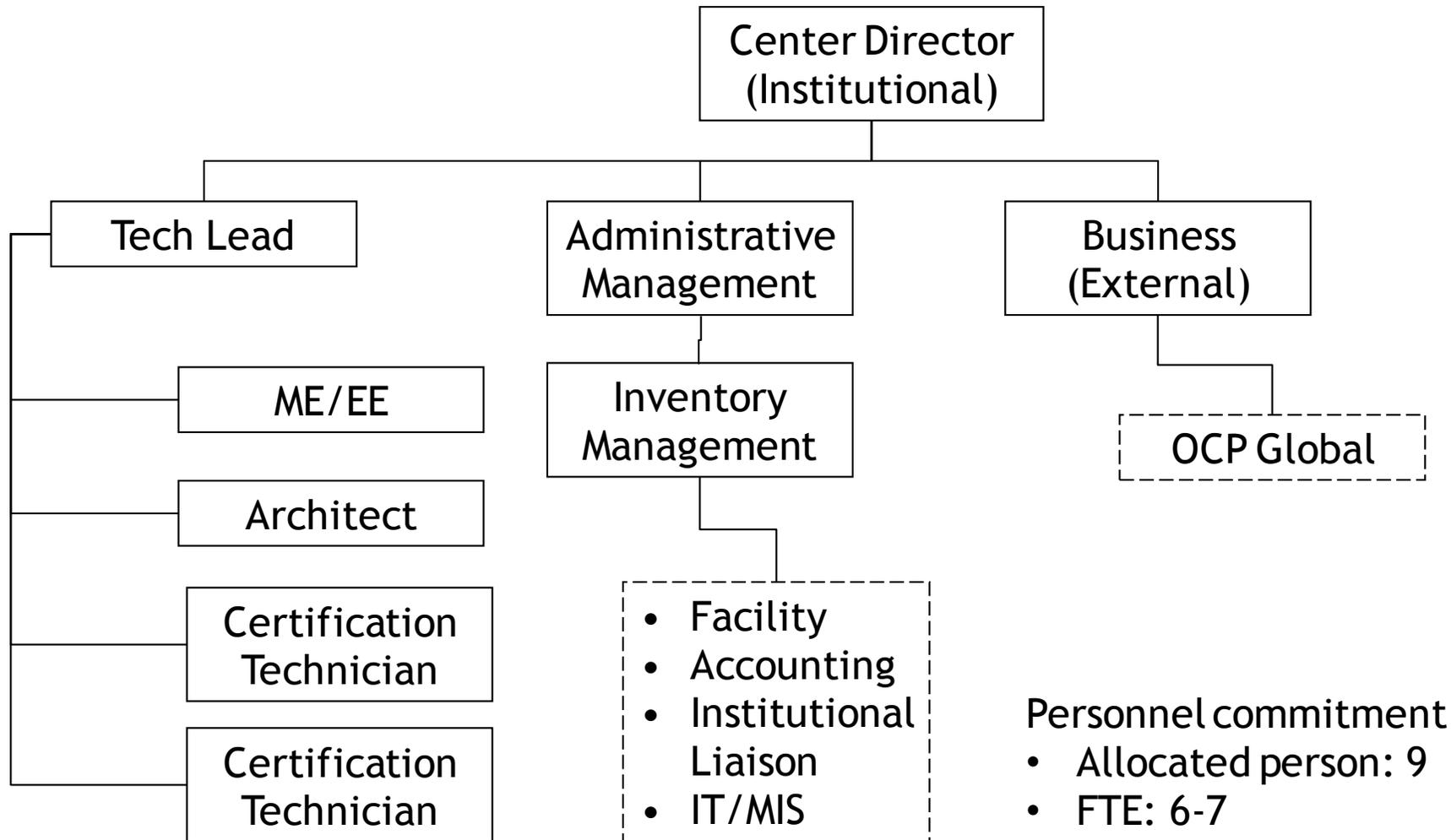
## Across OCP Committees

- Horizontal linkage to OCP Committees to support new systems
- Incubation Committee participation

## OCP Community and beyond

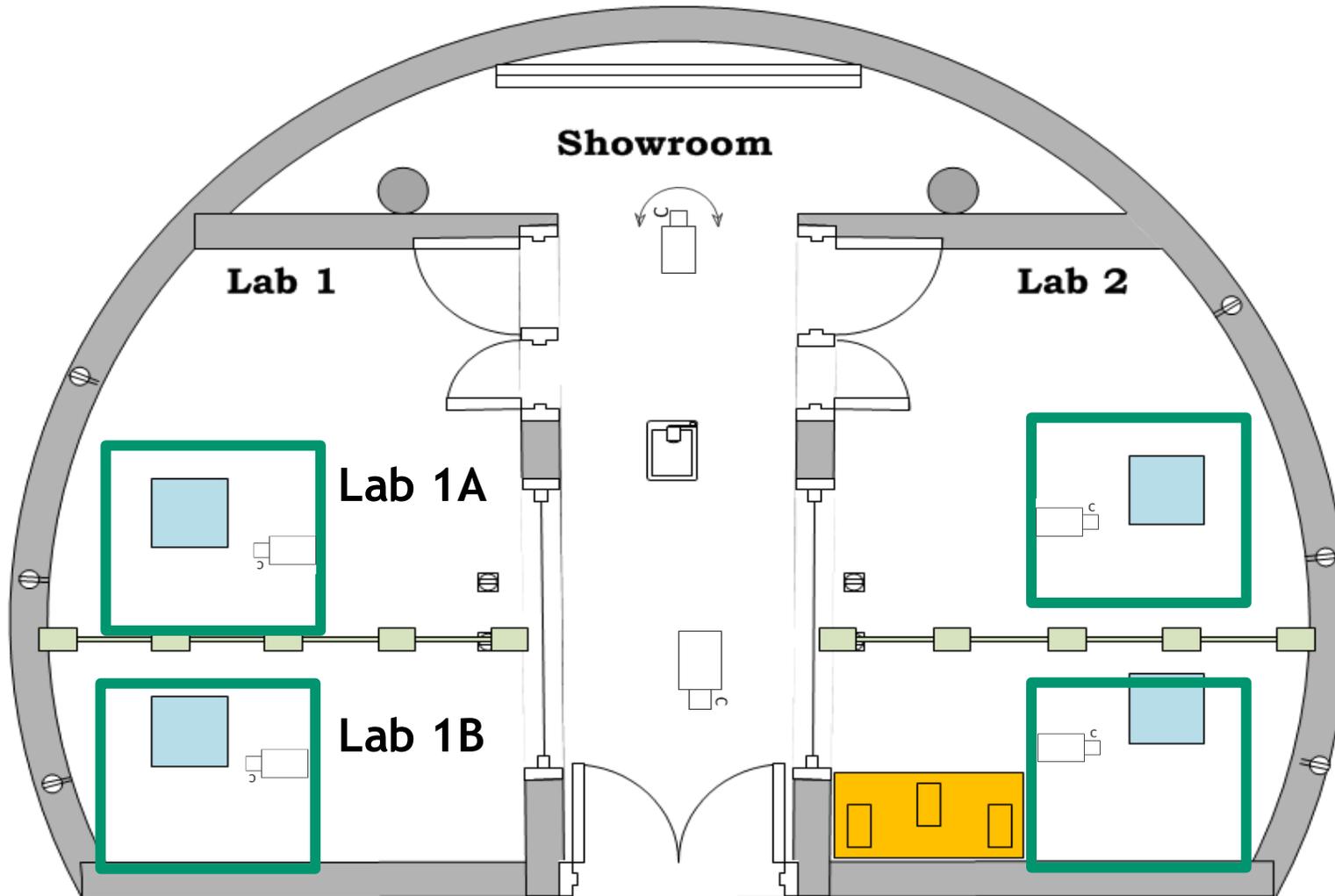
- Demo Data Center(s)
- Regular per usage case benchmark updates

# Cert Center Organization Chart





# Cert Center Layout



Space

- ~100 sqr meter

\* Warehouse space not shown



## Submission

- Multiple submissions to the ITRI OCP Center
- OCP Foundation to announce initial results at the 2014 Summit

## Certification Capabilities

- Winterfell (3 nodes) server designs
- 2U4N server designs (upcoming)
- Storage designs (upcoming)

## Certification Duration (for servers)

- Approximately 15 working days
- Does NOT include logistic and handling
- Assumes all submitted machines are in working order



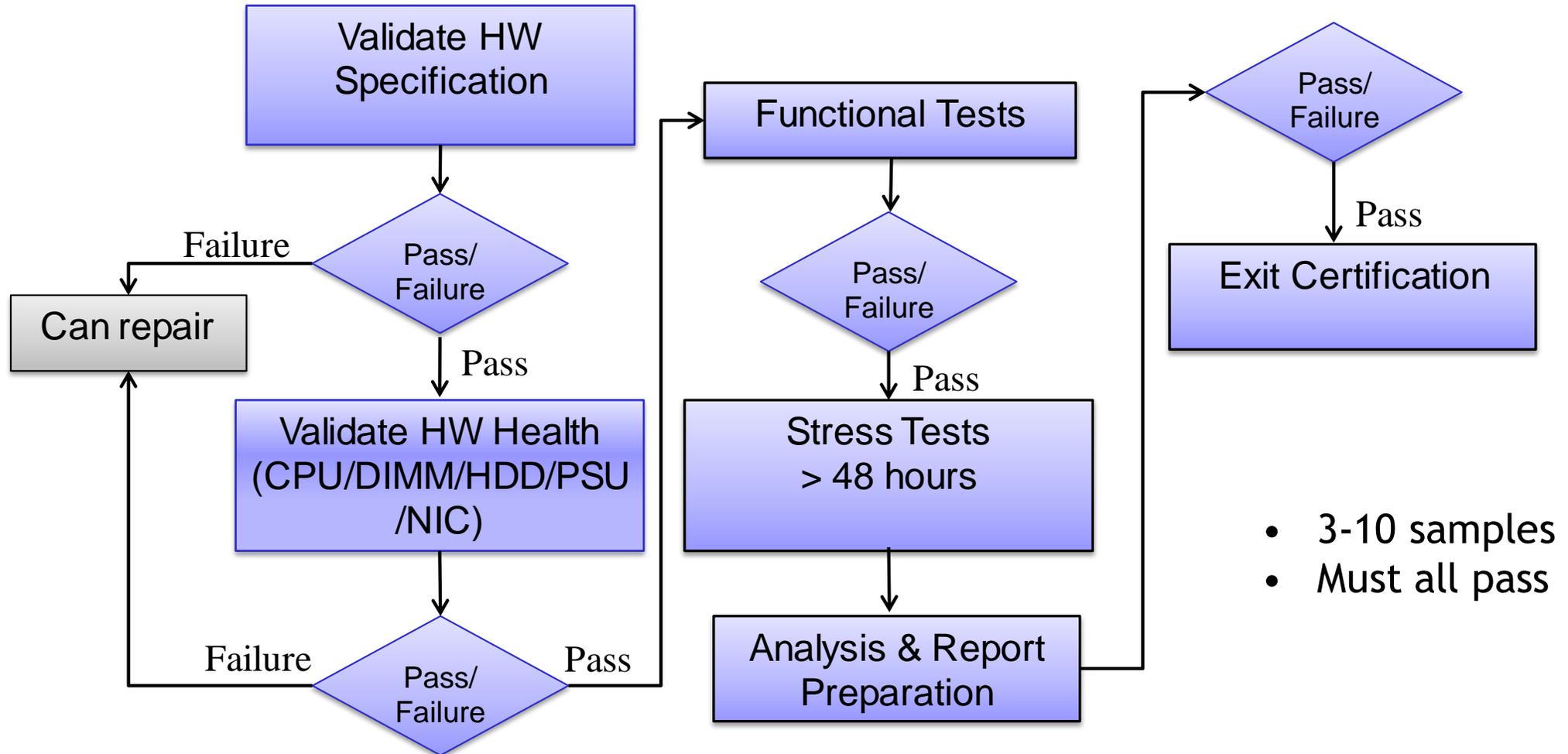
## Submission Process Summary

- Submit request
- ITRI processes request
- ITRI receives and confirms samples are ready to be tested
- ITRI completes certification testing
- ITRI notifies you and OCP of the final testing results
- OCP issues the official certificate (\*\* see FAQ)

## Submission Initiation Process

- Fill out the form “OCP Certification Request OCP-CI-0004”
- Send the completed OCP-CI-0004 form to ITRI
- ITRI will contact you for details

# ITRI Center Certification Process



- 3-10 samples
- Must all pass



- Who issues the actual certification
  - OCP Foundation issues the certificate
  - ITRI OCP Center performs the testing
  - Separation of testing and issuance conforms to ISO17011 requirements
- When can a certification start
  - Certification requires three (3) items to start:
    - an executed service agreement authorizing ITRI to conduct the work
    - a completed SOW (statement of work) that includes all relevant information for the submission
    - physical acceptance of the required samples to ITRI OCP Lab
  - A firm start date is set when all items have been accepted/received
- What happens to the submitted sample(s)
  - Samples will be returned to you
  - BTW, submitters are responsible for all logistic costs



# Finding ITRI OCP Cert Center

## Full Name

- ITRI OCP Certification Testing Center
- 工研院 OCP 驗證中心

URL: [www.ocpcertificationcenter.org](http://www.ocpcertificationcenter.org)

## Mascot

- AC - because we support Data Centers (DC)

## Email address

- [info@ocpcertificationcenter.org](mailto:info@ocpcertificationcenter.org)
- [submission@ocpcertificationcenter.org](mailto:submission@ocpcertificationcenter.org)





# ITRI OCP Center 2014 H1 Timeline

Dec 27th, 2013  
Cert Center  
Operational

Q1, 2014

Server Cert v1.0 GA

- Uploaded to Launchpad
- Available for download

Q2, 2014

ITRI OCP Website Automation

Jan, 2014

OCP Summit: announcing  
certified machines

Q1/Q2, 2014

Storage Cert v1.0 beta

Q2/Q3, 2014

Storage Cert v1.0  
GA

Mar 3<sup>rd</sup>/4<sup>th</sup>, 2014

ITRI Cert Center Grand Opening Party

OCP Workshop + Product Demo



工業技術研究院  
Industrial Technology  
Research Institute



## Q&A

## Thank You

Y.F. Juan / 阮耀飛

Deputy Director

Global Strategy & Business Development

Industrial Technology Research Institute

t: +886 3.591.6173

m: +886 975.876.919

e: [yf.juan@itri.org.tw](mailto:yf.juan@itri.org.tw)