



**International OPEN RAN 2025 Symposium**

Tokyo, Japan

December 8-11, 2025

The second International Open RAN Symposium (IORS) was led by the National Telecommunications and Information Administration's (NTIA) Institute for Telecommunication Sciences (ITS) and sponsored by the U.S. Department of State's Bureau of Cyberspace and Digital Policy (CDP).

## December 8

Time	Title	Details
8:30–11:30	Open RAN lab visit, technical	Rakuten RICL Lab

## December 9

Time	Title	Speaker and Details
8:00–9:00	Registration	
8:45–8:55	<b>[Keynote]</b> Welcome to Japan	Hideo Fuseda, Director-General of the Global Strategy Bureau, MIC
8:55–9:00	In-person Facilities and Logistics	Emcee Dan Henry, NTIA/OPAD
9:00–9:05	Opening Keynote, recorded	Arielle Roth, U.S. Department of Commerce
9:05–9:10	Opening Keynote	Mariel Garcia, U.S. Department of State
9:10–9:15	Purpose, process, and desired outcomes	Julie Kub, NTIA/ITS
9:15–9:25	Short reviews of past IORS virtual meetings	Julie Kub, NTIA/ITS Carsten Rossenholz, i14y lab / EANTC Eng Wei Koo, Keysight
9:25–10:05	<b>[Panel]</b> Open RAN and AI RAN: Government Perspectives, Policies, and Activities	<b>Canada:</b> Mathieu Potter, ISED <b>Japan:</b> Shinya Shimada, MIC <b>UK:</b> Jasper Pandza, DSIT <b>US:</b> Mariel Garcia, U.S. State Department <b>Moderator:</b> Jaisha Wray, NTIA/OIA
10:05–10:35	<b>[Panel]</b> Progress in standards and specifications: Present and near-term projections	Haseeb Akhtar, Ericsson, O-RAN ALLIANCE, Co-Chair WG1 Awn Muhammad, Rakuten Mobile, ORAN ALLIANCE, Co-Chair SuFG Maggie Chao, ITRI Dan Henry, Sr. Policy Advisor, NTIA/OPAD <b>Moderator:</b> Shariq Ashfaq, NTIA/ITS
10:35–10:50	Break	
10:50–11:20	<b>[Presentation]</b> Operator-led performance testing, test cases, and learnings	<b>Japan:</b> Mitsuhiro Kuchitsu, Rakuten Mobile and Japan OTIC lab <b>Taiwan:</b> Neal Sz-Hsien Wu, CHTTL and ITRI <b>US:</b> David Chiang, Verizon and UTD <b>Moderator:</b> Eng Wei Koo, Keysight
11:20–11:40	<b>[Presentation]</b> Lab collaboration success stories	<b>US:</b> Shariq Ashfaq, CRAIN lab <b>EU:</b> Carsten Rossenholz, i14y lab / EANTC

Time	Title	Speaker and Details
		<b>UK:</b> Paul Sludden and Charles Turyagyenda, SONIC Labs <b>Asia:</b> Maggie Chao, ITRI <b>Moderator:</b> Julie Kub, NTIA/ITS
11:40–12:00	<b>[Keynote]</b> Pioneering Open and Intelligent Networks—Rakuten’s vision for a Sustainable, Connected Future	Takeshita Hiroshi, Managing Executive Officer and Vice CTO at Rakuten Mobile
12:00–13:15	Lunch	
13:15–13:35	<b>[Panel]</b> Convergence in the industry on Open RAN + AI + NTN	Tom Rondeau, FutureG, US DOD Andres Arjona, Nokia Stephen Draskoci, Aalyria Tim O’Shea, DeepSig <b>Moderator:</b> Diane Rinaldo, ORPC

Interactive Workshop — Identification of Challenges and Potential Solutions		
13:35-13:40	Introduction of breakout process and topics	Lauriston Hardin, NTIA
13:40-15:00	Breakout Session Discussion	<ul style="list-style-type: none"> <li><b>Initial Question:</b> Is the Open RAN ecosystem sufficiently established? If not, what areas need to be addressed?</li> <li><b>Standards Area:</b> Are the specifications and standards mature enough for repeatable and reproducible testing for the important use cases? Do they meet your specific needs? Do they meet regional needs? If not, what additional work is required?</li> <li><b>Features / Security Area:</b> How do we assess the security framework for legacy and Open RAN? How is this demonstrated today? What vehicle and which stakeholders are available to promote that message (e.g., government, industry, academia)?</li> <li><b>Features / Energy Management Area:</b> What is the Open RAN progress on lowering energy consumption? How is it being demonstrated? What vehicles and which stakeholders are available to promote that message (e.g., government, industry, academia)?</li> <li><b>Existing Barriers to Adoption / Deployment:</b> What are the barriers to Open RAN adoption and deployment (e.g., technical, operational, policies, commercial viability)?</li> <li><b>Market Dynamics:</b> What concerns, if any, do you have regarding the number of players in the Open RAN market and supplier concentration?</li> </ul>
	Session 1 Leaders	Policy: William Rau, NTIA/OIA Technical: Ted Woodward, OUSD(R&E)
	Session 2 Leaders	Policy: Alexander Botting, ORPC Technical: Ian Wong, VIAVI
	Session 3 Leaders	Policy: Brian Larkin, NTIA/OIA Technical: Julie Kub, NTIA
	Session 4 Leaders	Policy: Joe Shapiro, DSIT Technical: Jens Sohn, Boost Mobile
	Session 5 Leaders	Policy: Hiroki Fukuda, MIC Technical: Carsten Rossenöhvel, EANTC and i14y Lab

Time	Title	Speaker and Details
15:00-15:20	Break	
15:20-15:50	Reconvene and report out from breakout sessions	NTIA facilitators from each breakout session <b>Moderator:</b> Lauriston Hardin, NTIA
15:50-16:50	Discuss breakout session findings and prioritize challenges	Lauriston Hardin, NTIA Julie Kub, NTIA/ITS
16:50-17:00	Wrap up and homework	Dan Henry, NTIA/OPAD
17:00	End of Day 1	

## December 10

Time	Title	Speaker and Details
8:00-9:00	Registration	
8:55-9:00	Introduction to Day 2 Agenda/Activities	Emcee Dan Henry, NTIA/OPAD
9:00-9:10	Summary of Day 1	Julie Kub, NTIA/ITS
9:10-9:45	<b>[Lightning Talks]</b> Emerging Open RAN Markets	Lucas Bondan, Rede Nacional de Ensino e Pesquisa, Brazil Abarodh Koirala, Ncell, Nepal James Langat, Safaricom, Kenya Joe Jomah Kerkula, Liberia Telecommunications Authority Mohamed Abdelghany, Egypt, NTRA Simon Fraser, PNCC, Palau <b>Moderator:</b> Dan Henry, NTIA/OPAD
9:45-9:50	US and UK Memorandum of Understanding (MOU) lab collaboration	Julie Kub, NTIA/ITS Paul Sludden, SONIC Labs
9:50-10:30	<b>[Panel]</b> Lab roundtable: OTIC, research/academia, PWSCIF, and governmentally supported	Van Mao Ngo, SUTD Charles Turyagyenda, SONIC Lab Carsten Rossenöhvel, EANTC Yonghoon Choi, ETRI Pedram Johari, NEU <b>Moderator:</b> Ian Wong, VIAVI Solutions
10:30-10:45	Break	
10:45-11:15	<b>[Fireside Chat]</b> Financing for Open RAN	Ean Hundley, DFC Kevin Toothers, USTDA, U.S. Embassy Bangkok <b>Moderator:</b> Jennifer Shin, DOS/CDP
11:15-11:45	<b>[Panel]</b> MNO Open RAN deployment and lessons learned	Sudhakar Pandey, Rakuten Mobile/RAN Sadayuki Abeta, DoCoMo <b>Moderator:</b> Shinya Shimada, MIC
11:45-12:05	<b>[Keynote]</b> The changing global telecom environment	Hiroki Kuriyama, CEO of DOCOMO Global
12:05-13:15	Lunch	
13:15-13:35	<b>[Keynote]</b> 6G and its impact	Ryuji Wakikawa, VP and Head of Advanced Research, Softbank

Time	Title	Speaker and Details
Interactive Workshop — Next Steps to Implement Identified Solutions from Day 1		
13:35-13:40	Introduction of breakout process and topics	Lauriston Hardin, NTIA
13:40-15:00	Breakout Session Discussions	<p><b>Goal for Day 2</b></p> <ul style="list-style-type: none"> <li>• Address challenges from Day 1</li> <li>• Agree on a unified technical and policy approach</li> <li>• Establish next steps</li> <li>• Plan 2026 virtual IORS meetings</li> </ul> <p><b>Challenges</b></p> <ul style="list-style-type: none"> <li>• The Open RAN Story: changing the narrative</li> <li>• System integration: independent labs, automation, leveraging IT, and MNO involvement</li> <li>• Open RAN procurement: clear MNO purchasing process</li> </ul>
	Session 1 Leaders	Policy: Nana Chen, ITRI Technical: Eng Wei Koo, Keysight
	Session 2 Leaders	Policy: Tiffany Lin, ITRI Technical: David Chiang, Verizon Wireless
	Session 3 Leaders	Policy: Sophie Weston, UK SONIC Labs Technical: Charles Turyagyenda, UK SONIC Labs
	Session 4 Leaders	Policy: Hideo Tomioka, Rakuten Symphony Technical: Aloizio da Silva, Virginia Technical University
	Session 5 Leaders	Policy: Tajma Rahimic, CLDP Technical: Van Mao Ngo, SUTD
15:00-15:20	Break	
15:20-15:50	Reconvene and report out from breakout sessions	NTIA facilitators from each breakout session <b>Moderator:</b> Lauriston Hardin, NTIA
15:50-16:50	Prioritize next steps and identify owners	Julie Kub, NTIA/ITS
16:50-17:00	Final comments and close	Julie Kub, NTIA/ITS
17:00	End of Day 2	

## December 11

Time	Title	Details
9:30-12:00	Open RAN lab visit, technical and policy	OREX and OTIC labs: <ul style="list-style-type: none"> <li>• Rakuten Mobile test room</li> <li>• NTT DoCoMo test room</li> <li>• NICT Wireless Center</li> </ul> Organized by the YRP R&D Promotion Committee