

2024 RIC Forum: Application

Submit the completed application via email to: ricforum@ntia.gov by 7:00 p.m. ET on Monday, October 23, 2023. There is no fee to apply. The selected presenters will be announced publicly by Monday, November 13, 2023.

1. Applicant Information

We welcome university, corporate, or individual applicants to apply singly or in groups. Multiple affiliates may partner on one application. There are no restrictions on an applicant's country or place of origin, with the exception that individuals or entities on the Entity List in Supplement No. 4 to Part 744 of the U.S. Export Administration Regulations (EAR) are barred from participating in the RIC Forum. An individual or team leader (if multiple individuals enter as a team) must be at least age 18 at the time of notification.

Applicant Name			
Address	Street		Country
	City	State/Province	ZIP/Postal Code
Team Leader	Name and Title		Phone Number
	Email Address		
Include affiliations and sponsors, if applicable			

2. Use Case

X Identify your App use case(s). Mark all that are applicable with an X.

- Energy Saving
- Traffic Steering
- Wild Card

Describe how you accomplish the use case. What is unique about your implementation?

Why would the Department of Defense, a mobile network operator (MNO), or other parties be interested in your implementation of this use case?

3. Technical Specifications

Which vendor's RIC software development kit (SDK) did you use to develop your App?

Do you propose to demo a standalone xApp, a standalone rApp, or an xApp that works in concert with an rApp or rApps?

Describe your 5G Core and Open RAN network. Will you use a software-based network emulator, a hardware-based network emulator, or an actual network?

Describe the current status of your App. Is it operational now? If you've demonstrated your App and use case previously, describe how you did so, including whether you used a commercial network or a laboratory test bed.

Describe how you would modify your App for the RIC Forum. Does your App already implement a use case that would be of interest to DoD and could be modified?

4. On-site Presentation with Live-streamed Demonstration

The goal of the presentation is to provide an authentic RIC App demonstration that measures and displays the effects of an xApp or rApp on a 5G Open RAN network. Each presenter will have approximately 30 minutes to describe their App and showcase its impact on a 5G network.

Presentations will occur in a plenary room with theater or classroom seating, microphones, and a projection screen. The presentation will include a live video stream from the site where the RIC App is deployed.

Presentations must be live (real-time) and include the following elements:

- A main presenter appearing in-person (on the stage)
- Live video stream of the App deployment(s)
- Actual, non-simulated RIC and App(s)
- Dynamic network changes triggered by the RIC App

The following elements are not allowed in presentations:

- On-site equipment (other than a laptop)
- Simulated RIC and App(s)
- Video recordings

Do you have any concerns about live streaming your presentation according to the time constraints and manner noted above?

Will you require any special accommodation for the presentation? What are the connectivity requirements for your demonstration (e.g., bandwidth, latency)?

How much of your presentation will be in-person? Which segments of your presentation will be remote, and why?

Describe the 5G Open RAN network where your App is installed. Describe the remote location(s) and how showing it would support your presentation.

Describe your live system demonstration. How will you activate changes to the network? How will the audience notice the changes? How will you measure improved performance?

5. RIC Showcase

The goal of the RIC Showcase is to facilitate interaction between presenters and attendees one-on-one. Presenters are not expected to have enough time with each attendee to demonstrate dynamic network changes on a live system. Therefore, in the Showcase area, presenters may use pre-recorded videos to quickly show the impact of the App on a network (e.g., depict several different operating modes without waiting for network configuration changes). The RIC Showcase may optionally include a live video stream from the site where the RIC App is deployed.

Presenters are encouraged to bring equipment to the RIC Showcase. Each RIC Forum presenter will be given space in a room separate from the plenary room in which to showcase their RIC xApp or RIC rApp. Each presenter's Showcase area will include two tables, two chairs, up to 7500 W power, 100 Mbps internet bandwidth, and a large monitor (two can be made available upon request). Once the final list of presenters is announced, NTIA/ITS will work with each presenter to tailor their RIC Showcase area to their needs.

Briefly explain the demonstration you propose for your RIC Showcase.

What 5G equipment, if any, will you bring to your RIC Showcase?

What are the requirements for your RIC Showcase area (e.g., power, bandwidth, latency)? What equipment would you bring? What equipment will you require from us?

Will your proposed demonstration include live video streams from remote locations? Describe the remote location(s) and how showing it will support your showcase.

Will your showcase include video recordings? How will you use video recordings to showcase your App?

6. Additional Comments or Questions for the RIC Forum Organizers