Rio Broker - Frequently Asked Questions

Will my current BlackPearl integration continue to work?

> If you have an existing BlackPearl integration, it will continue to work. You do not have to migrate to RIO Broker immediately. That said, RIO broker is the new interface to BlackPearl and will be the focus of future development by Spectra Logic.

Why was Rio Broker created? What is its purpose?

> Spectra Logic has provided SDKs that allow for partners to integrate directly with BlackPearl. The benefit of Rio Broker is that it provides a layer of abstraction from BlackPearl and greatly simplifies the interface and integration. Essentially, rather than use SDKs to access BlackPearl directly, we are now providing SDKs to integrate with Rio Broker. The result is a stable API which will not change even if BlackPearl has new releases.

Will there be ongoing releases of the Rio Broker?

> Spectra Logic will put out new releases of Rio Broker as needed. That said, the API to Rio Broker is expected to be extremely stable and unchanging which means partners will not have to "re-write" the integration with their software.

Will new releases of BlackPearl require me to update my Rio Broker integration?

> No, because Rio Broker sits between the partner software and the BlackPearl, we are able to "hide" any changes made to the BlackPearl interface. That said, to be compatible with a new BlackPearl release, it may be necessary to upgrade to the latest Rio Broker release.

What is the benefit of providing a single namespace?

> A single namespace simplifies management to one interface. When working with multiple file systems, a single namespace represents all the data as if it were in the same location.

If I have an existing integration/plugin with BlackPearl can I continue to use that in parallel with Rio Broker?

> This is not recommended. If you adopt Rio Broker then all data management should be done with Rio Broker. The reason for this is that if you bypass Rio Broker you are creating an "out of band" job. For read operations this is okay, however, for write operations it would potentially cause things to get out of sync.

Can I write data to a FlashNet or Diva system?

No, Rio Broker can only read data from those systems. The only data storage target that can be written to is BlackPearl.