

eCPRI Update for TSN

July 2017

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Update after the CPRI f2f meeting in Stockholm 26-29 June:

1. **Confirmation of the planned release time line: August 2017**
2. **The targets for the new specification (eCPRI) remain same as listed in the Press Releases:**

- eCPRI specification will be based on new functional partitioning of the cellular base station functions, positioning the split point inside the Physical Layer (i.e. Layer 1).
- The new split point enables ten-fold reduction of the required bandwidth
- Required bandwidth can scale flexibly according to the user plane traffic
- Use of main stream transport technologies like Ethernet will be enabled, Ethernet opens the possibility to carry eCPRI traffic and other traffic simultaneously in the same switched network, which is facilitated by CPRI's own EtherType
- The new interface is a real time traffic interface enabling use of sophisticated coordination algorithms guaranteeing best possible radio performance
- The interface is future proof allowing new feature introductions by SW updates in the radio network

In addition, the work continues to further develop the existing CPRI specifications to keep it as a competitive option for all deployments with dedicated fiber connections

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