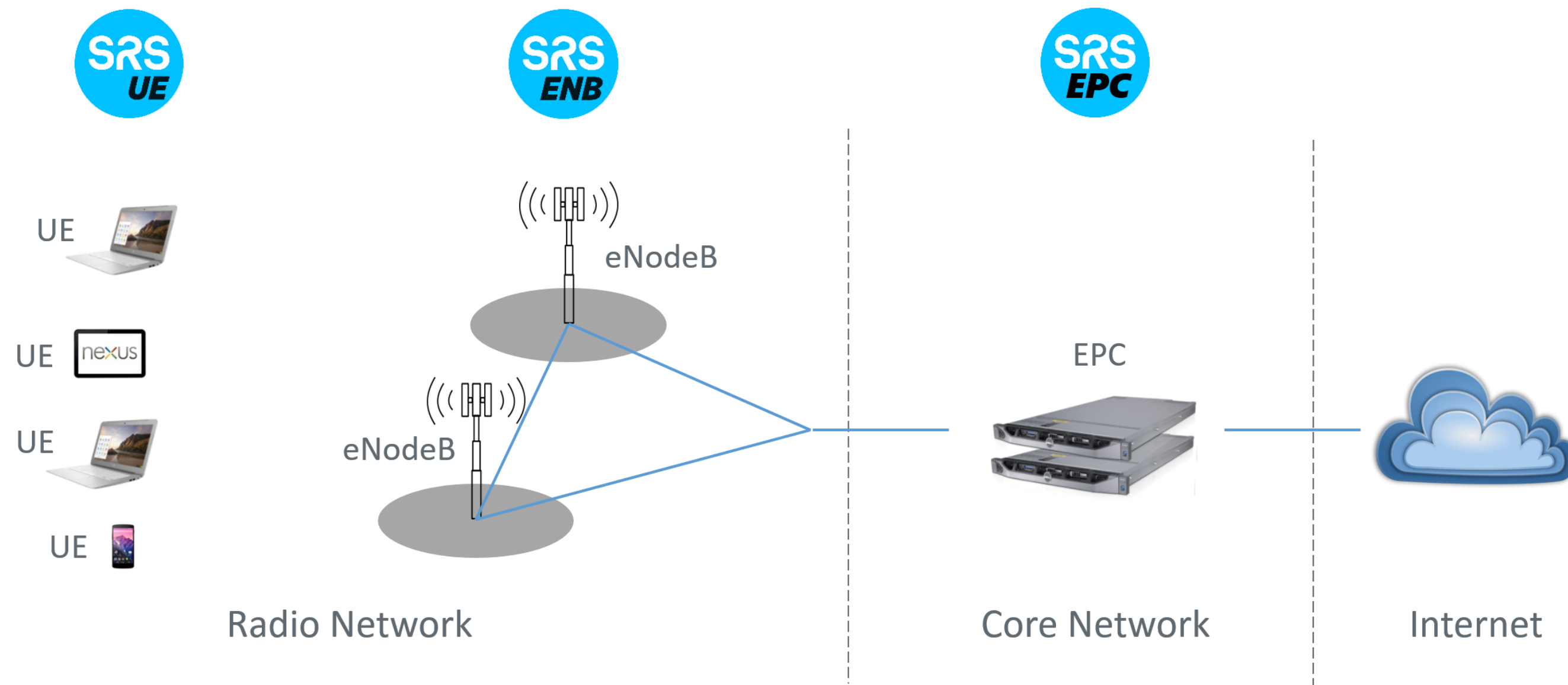


The Open-Source SDR LTE Platform for First Responders

- An open-source end-to-end LTE network platform for public safety research & development.
- A reference implementation of key LTE features for first responders.
- Enabling, supporting and growing the public safety broadband development ecosystem.
- Providing a commercialization path for public safety LTE using proven business models.
- Building upon the proven srsLTE suite of open-source libraries, tools and applications.



Leadership



Paul Sutton PhD
Director



Ismael Gomez PhD
Director



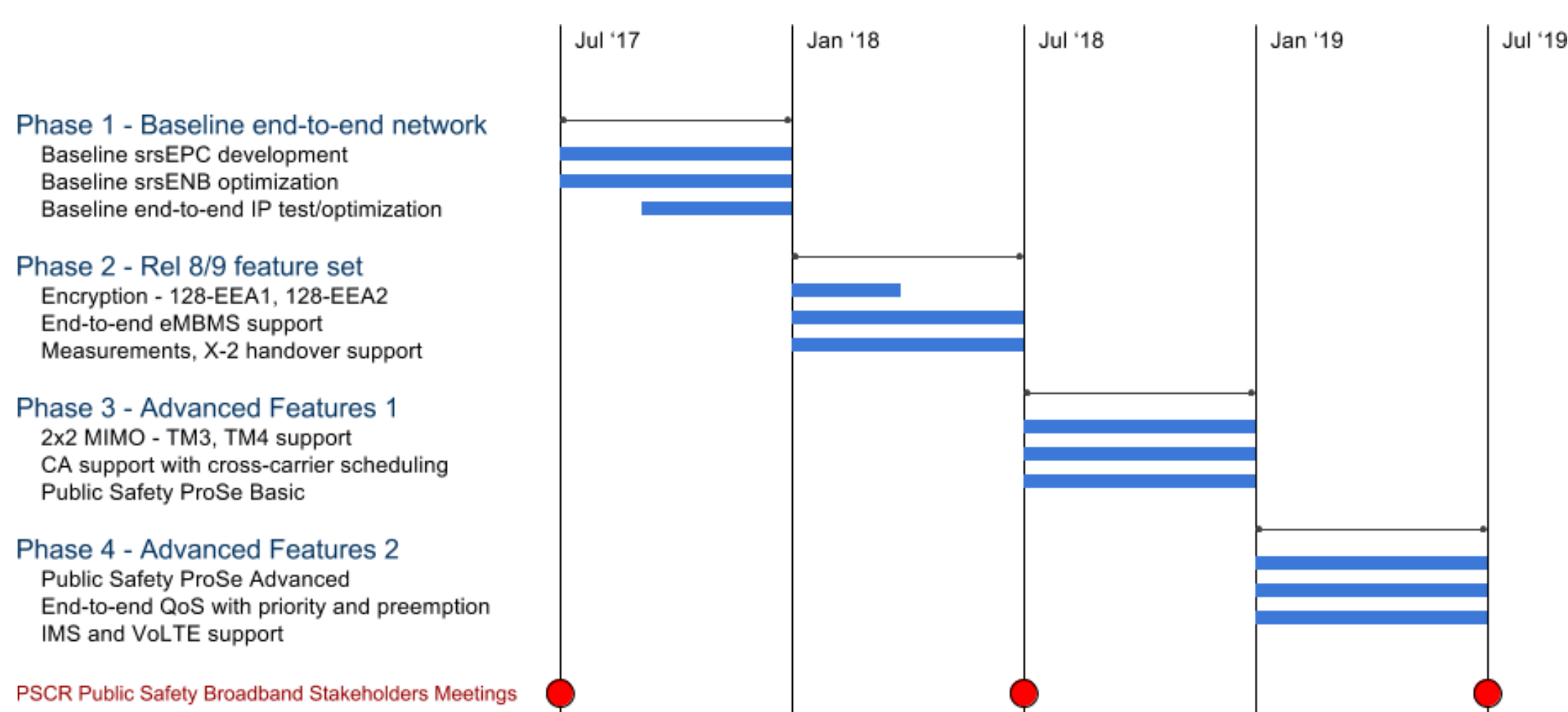
Andre Puschmann
Senior Engineer



Linda Doyle PhD
Director

- Software Radio Systems (SRS) leadership team
- Proven track record of delivering open, high-performance and user-friendly LTE applications and tools
- Successful, sustainable business model for commercialization and deployment.

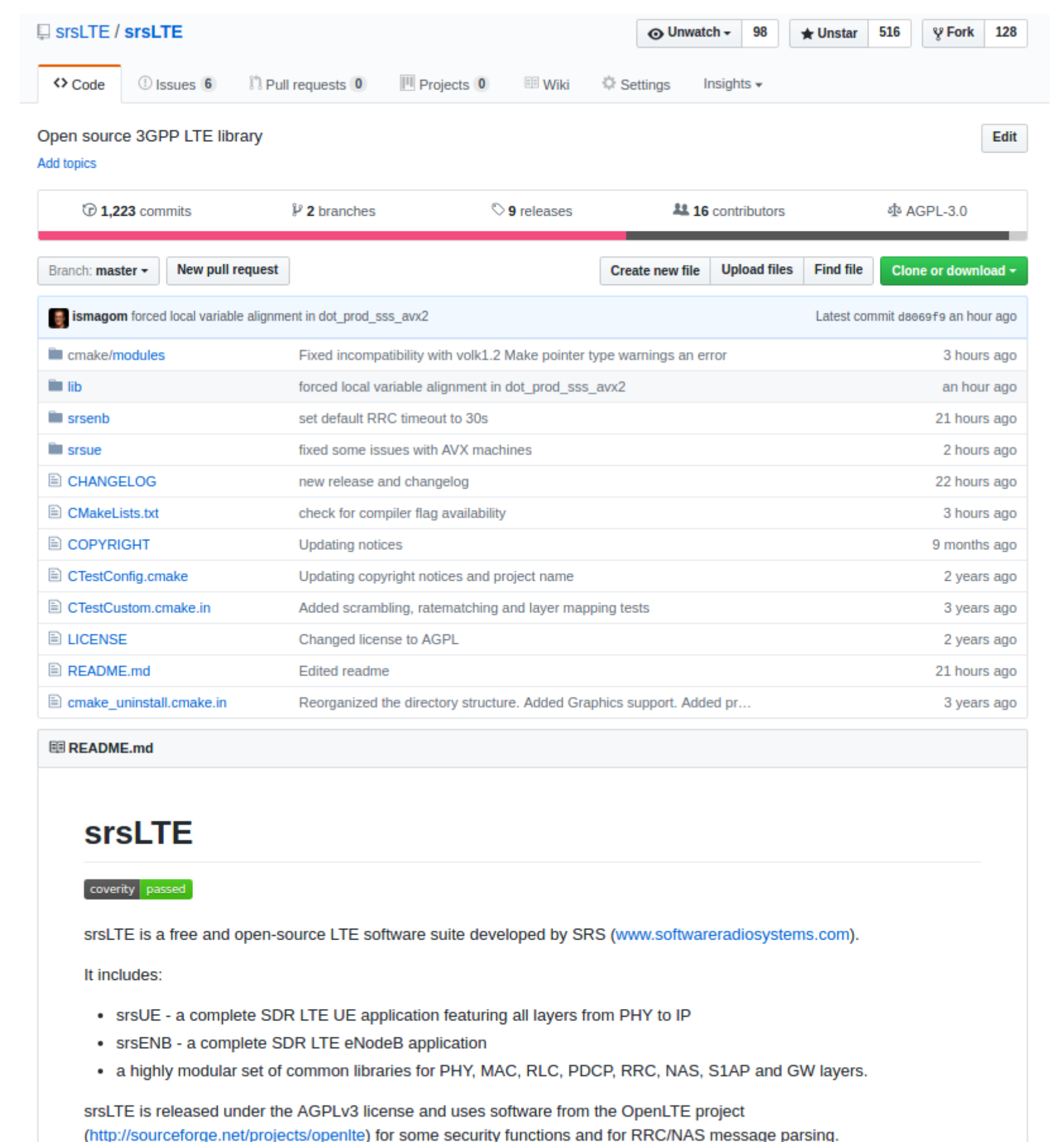
The Project



- Complete end-to-end LTE network including:
 - Core network (EPC)
 - Basestations (eNodeBs)
 - Mobile terminals (UEs)
- Key features for public safety:
 - Priority, Pre-emption and Quality of Service (QPP).
 - Proximity Services (ProSe)
 - Evolved Multimedia Broadcast/Multicast Service (eMBMS)
 - Multimedia broadcast single frequency networks (MBSFN)
 - Single cell point-to-multipoint (SC-PTM).
 - Carrier aggregation.
 - IP Multimedia Subsystem (IMS) and Voice-over-LTE (VoLTE)

Open Source

- GNU Affero General Public License (AGPLv3)
- Ensuring dissemination of the technology
- Maximizing usability
- Safeguarding availability
- Guaranteeing sustainability



Software Radio

- Powerful, low cost approach
- General-purpose hardware
- Real-world compatibility and performance
- Full-bandwidth LTE operation
- Frequency flexibility across all LTE bands

