What is Mosaic5G?

A non-profit initiative fostering a community of industrial as well as academic contributors for open-source software development to realize the service-oriented vision of 5G
Why Mosaic5G?

Mosaic5G was formed to develop, promote, and share an ecosystem of open-source platforms and use-cases for 5G system R&D leveraging SDN, NFV, and MEC tech enablers.
Enabling Agile 5G Service Platforms
Control and data plane programmability
Model-driven network service orchestration
with RAN/CN plugins
Plug-and-play network applications and platform SDKs
Open datasets, analytics and big data for telecom
Blend of communication, computing, and analytics
Mosaic5G Use Cases

E-HEALTH

Reshape the healthcare application in Health 4.0

Leveraging IoT, Innovations shifts from products to solutions

V2N

Enabling future intelligence transportation system

5G Network slicing leads to smart grid innovation

IoT

5G

GREEN NETWORKING
# Mosaic5G Membership: Our process is easy

<table>
<thead>
<tr>
<th>User</th>
<th>Contributor</th>
<th>Sponsor Partner</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Free of Charge</strong></td>
<td><strong>Free of Charge</strong></td>
<td><strong>Membership Fee</strong></td>
</tr>
<tr>
<td>Access to the code and documentation</td>
<td>Access to the code and documentation</td>
<td>Build a custom solution for your use-case</td>
</tr>
<tr>
<td>Access to mailing lists and get support</td>
<td>Access to Training and prototyping sessions</td>
<td>Get support to build a PoC</td>
</tr>
<tr>
<td>Share use-case and PoC</td>
<td>Access to new features and fixes</td>
<td>Establish a collaborative R&amp;D project</td>
</tr>
<tr>
<td></td>
<td>Lead a collaborative R&amp;D project</td>
<td>Become member of advisory board</td>
</tr>
<tr>
<td></td>
<td>Contribute to the source code</td>
<td>Access to the Mosaic5G lab environment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>User and partner benefits</td>
</tr>
</tbody>
</table>
Mosaic5G Licensing Model

Apache V2.0 Public License
popular and widely deployed
in Open Source Communities
Mosaic5G Call to Community for Innovation
Mosaic5G Roadmap

2018

2019

2020

Rel. 1.0
Rel. 1.1

FlexRAN
LL-MEC
OAI

Rel. 1.2
Rel. 1.3

Rapid 5G service platform deployment

Rel. 1.4

5G network slicing and app store

Rel. 1.5

Data-driven 5G RAN/CN stack

Network intelligence, 5G NR, LTE-M/NB-IOT

RAN/CN orchestration & Flexible monitoring
Elastic monitoring and orchestration, vBS

Agile edge applications & PoCs

We are here
Mosaic5G Community

Phase 1: Genesis
- Mosaic5G waves

Phase 2: Inception
- Mosaic5G & social media
- Mosaic5G channels

Phase 3: Establishment
- ETSI, ITU, IEEE, MWC, EUCNC
- Mosaic5G membership

Phase 4: Maturity
- >40 members have joined the community (operators/vendors, R&Ds, academia)
- Mosaic5G vibes & community support

Community feedback & Discovery Report

We are here
Mosaic5G-Contact

E-mail: contact@mosaic-5g.io
Website: mosaic-5g.io
Twitter: @mosaic5g
Linkedin: mosaic-5g