

# SDO Impacts of 5G-DIVE

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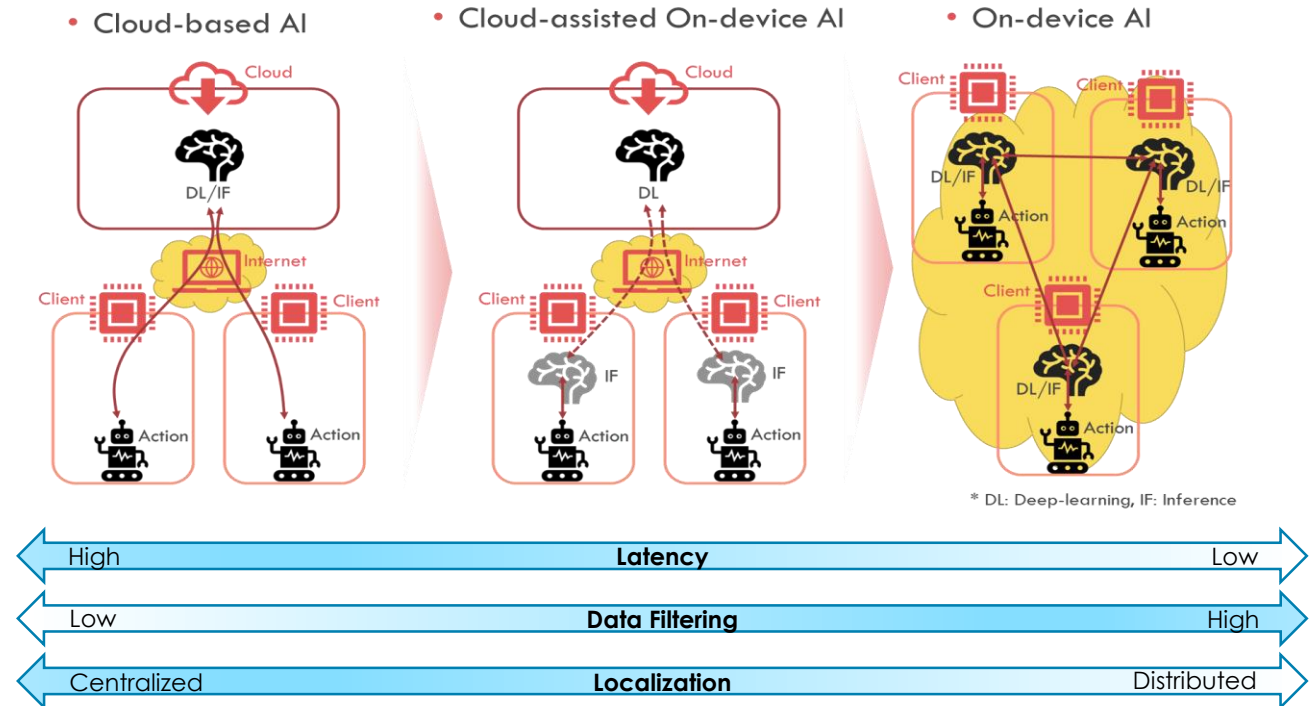
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# 5G-DIVE Vision

The computing fabric is no longer only centralized in the cloud but pervasively distributed through Edge and Fog, opening new possibilities for the integration of intelligence located closer to the user.

- There is a diverse set of terminal types which all have computing capabilities ready to be harvested
- Edge and Fog are complementary, and jointly together will define the computing substrate of next generation radio access networks
- Distributing AI towards edge and fog devices will allow more tuned automation and dynamic adaptation



5G-DIVE is presented as a continuation of two previous projects, **5G-Crosshaul** and **5G-CORAL**.

- built around two main pillars, namely (1) end-to-end 5G connectivity including 5G New Radio, Crosshaul transport and 5G Core, and (2) distributed edge and fog computing integrating intelligence located closely to the user.

# Contributions from 5G-DIVE



- Currently 52 Contributions listed in the tracking sheet
- 18 out of 52 accepted/adopted.
  - 9x 3GPP
  - 4x IEEE
  - 3x ETSI
  - 2x IETF

# Contributions from 5G-DIVE



Target SDO	Item/Activity	Status	Explanation
3GPP SA2	S2-2003269	Accepted	23.501 CR2269R2 (Rel-16, 'F'): Enablers for multiple SCPs (23.501)
3GPP SA2	S2-2003270	Accepted	23.502 CR2208R2 (Rel-16, 'F'): Enablers for multiple SCPs (23.502)
3GPP SA2	S2-2005982	Accepted	23.748: Update to Solution #39: EAS relocation coordinated with PSA change.
3GPP SA2	S2-1910422	Accepted	23.748: Key Issue for the discovery of edge application server
3GPP SA2	S2-1912612	Accepted	23.748: Key Issue on edge relocation (FS_enh_EC)
ETSI MEC	MEC(20)000258	Accepted	MEC036 Update to Section 4 Overview
ETSI MEC	MEC(20)000259	Accepted	MEC036 Use case Zero Defect Manufacturing
ETSI MEC	MEC(20)000261	Accepted	Use case Mission critical vehicular and mobile node application
IEEE 802.11bc	Discussion on 9.4.5.100	Accepted	This submission presents discussion material to address comments from the LB252 on section 9.4.5.100.
IEEE 802.11bc	Supporting document for CIDs 1011, 1012, 1046, 1047 and 1069	Accepted	This submission presents discussion material to partially address comments with CID 1011, 1012, 1046, 1047, 1069. This contribution complements contribution with DCN 314r3.
IETF	RFC 8948	Published	Structured Local Address Plan (SLAP) Quadrant Selection Option for DHCPv6