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**MATOLIA et al.**(10) **Pub. No.: US 2023/0232311 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **TRAFFIC ROUTING TOWARDS LOCAL  
AREA DATA NETWORK PER APPLICATION  
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(US)(57) **ABSTRACT**

A cellular network includes a first network component configured to i) identify a first session between a first data network and a user equipment (UE), wherein the first session corresponds to a first session management function (SMF), ii) receive data network access information (DNAI) from a network function, the DNAI corresponding to a second data network and iii) select a second SMF that is to be utilized for a second session between the second data network and the UE. The cellular network also includes a second network component configured to i) store a mapping between the DNAI and the second SMF and ii) transmit an indication of the second SMF to the first network component, wherein the first network component selects the second SMF based on the indication.

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Signaling Diagram 700