

ABSTRACT

System and method for managing unicast/multicast conversion for group multimedia communications in a communication network (1) comprising:

- ✓ At a site (11, 12, 13) and an edge router (R_i),
 - 5 • A module for managing presence (22) of the users (U_i) present on a site,
 - A module for managing groups (23),
 - A control module (21) transmitting “uplink” and “downlink” conversion rules to be applied to the data of a stream entering or leaving a site
 - 10 and intended for one or more users belonging to a same communication group G_i ,
 - An intelligent module (20) adapted to apply the conversion rules to the data that it receives before broadcasting them to one or more users (U_i) belonging to the same communication group G_i as the
 - 15 transmitting user (U_1),
- ✓ At the central network (10), means for multicast transmission (15) of the data from one site to another site.

20 Figure 1 to be published.