- a module for controlling notifications which will recover the notification commands/messages sent by a server meeting node,
- a database comprising notifications sent by a server meeting node,
- a module, for controlling recommendations and a database comprising the tables of recommendations in the choice of nodes to be used,
- a module for measuring and controlling the state of the links stored in the link states database,
- a monitoring control module,
- a module for controlling the structure of the overlay network suitable for defining the arrangement of the nodes stored in a database.

Other features and advantages of the device according to the invention will become more apparent on reading the following description of an exemplary embodiment given as a nonlimiting illustration with appended figures which represent:

- Figure 1, a representation of an overlay network according to the invention,
- Figures 2A, 2B, 2C, 2D, an illustration of the steps of a method according to the prior art,
- Figures 3A, 3B, 3C, the steps for determining the subsets of nodes to be monitored at different frequencies,
- Figures 4A, 4B, 4C, the steps for determining the best path, and
- Figure 5A schematically represents an exemplary architecture of the modules of a server meeting node, and Figure 5B, an exemplary architecture of a client meeting node.

The following example illustrates the operation of the method according to the invention. It is given in the case where the nodes of the overlay network are organized in grid form in which the nodes of one and the same row/column are server meeting nodes Rs and client meeting nodes Rc to one another.

The method according to the invention relies on a dynamic adaptation of the strategy for "monitoring" the connections and the strategy for "disseminating" the monitored information enabling each node: