

What is the architecture of the EWP Network

The EWP Network is strictly a middle layer solution where no information exchanged among the parties is ever stored. It follows a hub-and-spoke design, where the only centralised service is a registry that contains the identification info of the various members' servers and the list of APIs (the connectors) implemented at each member's server. A university server wishing to initiate a data transaction consults the identification data of the concerned partner in the registry and sends a data package directly to the receiving server via the relevant API. The data package is encrypted according to EWP-defined standards ensuring the communication cannot be accessed by other parties; this guarantees high levels of security and privacy. Each server takes care of the authentication and user rights of its own users.