The rapid evolution in communication technology facilitates the Internet access, and makes it faster and cheaper. The advancement of Internet accessibility changes the paradigm of application usage methodologies. As a result, data amount in application database reaches unprecedented sizes. The increase in the data amount and user load concretizes the scalability requirements for software components, especially for database technologies. This work aims to provide an example solution experienced in centralized enterprise application. We examine how NoSQL based document store can be adapted according to the requirements of telecommunication enterprise.