

# REAL-TIME COMPRESSION TO ACCELERATE INTERNET APPLICATIONS

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## ABSTRACT

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The main objective of this project is to conduct a research on different Internet acceleration techniques, and to study the compression algorithms and prove that its one of the solution to accelerate Internet applications. Technically, compression is a formula to increase the data density and at the same time reduce data redundancy. Since compression was established since 1940, the author will study in depth on algorithms that are available and the author will be particularly selective on suitable algorithms to be implemented. This project involves a wide range of topic, such as compression algorithms, acceleration techniques and also network connections. In general, the proposed system will intercept the connection between Internet browser and the ISP server, and compress the request and response to increase the data density of the data transmitted over the PTSN (Public Service Telephone Networks).