

<b>Thesis Title</b>	Design and Development of Electronic Operator for PABX
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### Abstract

Nowadays, the progress of digital telephone branch exchange developed to the new services such as direct inward dialing function and abbreviated call, etc. Anyhow, operator still need in some case to solve the problem. While traffics are very high till the operator can not afford. The simple way to solve this problem is to have more operators, but it is not so economic, because such high traffics are not always happened. This thesis describes the Design and Development of Electronic Operator for PABX, which intends to help increasing the efficiency of an operator, especially for the medium to big size of PABX that have many traffics. When request call is coming, the Electronic Operator send message recorded from announcer IC memory and will be automatically received DTMF signal. Any request call can follow our development set information. Our work also emphasizes on using the components that easy to find in the local market and low price also. This leads to development the electronic industrial of Thailand.