

Thesis Tittle	Industrial Process Monitoring and Analysis System
Student	CPL.Direk Boonpoung
Thesis Advisor	Mr.Kawin Soonthipermpoon
Level of Study	Master of Science (Computer Science and Information Technology)
Department	Mathematics and Computer Science Faculty of Science King Mongkut's Institute of Technology Ladkrabang
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ABSTRACT

Industries in Thailand have arrived at the point where it is necessary for them to implement more automation for improve quality and product performance. However, full scale automation is too expensive and is beyond their reach. Small and medium industrial establishments have to resort to converting existing machines to automatic or semi-automatic operation.

The present research project presents the design and development to improve machine efficiency This system creates monitor for display status of machine at shop floor to concerned to react promptly to problem and recorded data of machine speed, time, output and filling weight of individual production line with input on causes of machine stop.