

Implementing Production Confirmation System for Apparel Manufacturing Plant.

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Declaration

I declare that this dissertation does not incorporate, without acknowledgment, any material previously submitted for a Degree or a Diploma in any University and to the best of my knowledge and belief, it does not contain any material previously published or written by another person or myself except where due reference is made in the text. I also hereby give consent for my dissertation, if accepted, to be made available for photocopying and for interlibrary loans, and for the title and summary to be made available to outside organization.

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Dedication

I would like to dedicate this dissertation to my loving daughter Sinadi Seyara.....



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Abstract

Discussing the analysis, designed and implementation of Production Confirmation System for Apparel Manufacturing Plant in SAP R/3 is the main objectivity of this dissertation. This application is designed to suite and caters the requirement of Contoureline- Pallekelle,

Contoureline belongs to MAS Active Pvt Ltd and it's fully dedicated to NIKE brand apparel manufacturing. The ERP solution runs in MAS Active Pvt Ltd is SAP R/3 (AFS). Therefore the Contourline is also using it in daily production confirmation process.

After Lean Manufacturing concepts implemented in Contourline the existing production confirmation system doesn't cater the requirements and got obsolete. With the lean implementation most of complex operations are broken into simple process and that paved the way to monitor the single peace flow in the production process.

Additionally there is number of requirements come up due to the Lean implementation and we have to taken care of them as well in this project. At the same time we are force to keep the cost of implementation and operational minimum. And this should not add non value addition inventory to the operation.

Therefore this project will print one bundle sticker for line in confirmations and at the line end it use NIKE UPC sticker to confirm the line out. Lineout operation is done via IP scanners. By doing that we are able to save one PC and waved off non value addition activity of operating a pc per each module.

All the end line output data is recorded in local server and batch wise they are updated to SAP. In the Line In operation sewing RM's are automatically issued and in the Line Out operation packing RM's are automatically issued via SAP. Line In/Out quantities are displayed in the respective display boards for every module.

UPC stickers recording in Line Out, Schedule wise Line Out update are handled by local server. Additionally it will responsible for manage the display boards as well. Since the Line Out is recorded to a local server during SAP down time or network problem with the main SAP server Contourline operation will not get hampered.



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