User's guide



# Report Tool

User's guide Rev. a.o

Rev. 2.0

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Rev. 2.0

# 1. Introduction

This document is intended to give a general overview on the DecoSystem Report Tool 2.0 product, it is not a datasheet or a project description. The only important technical requirement reported in this document is the need of a monitor with a screen resolution of 1920x1080.

# 2. Decosystem Report Tool 2.0

The software Report Tool 2.0 developed by DecoSystem should help the user to optimize the production performance integrating the quality control provides by the Spectro System with statistical information about the previous and the current production.

## 2.1. The Post Production Report (PPR)

The Post Production Report can help the user to setup a new production showing the results of the last past production of the same article.



Fig. 1: Post Production Report: starting page

The starting page provides an overview of the reference model of the article and the distribution of the worst ten regions (green rectangles in Fig. 1). On the top of the view global statistical data of the last production are available.

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Fig. 2: Distribution graph

The graph button of the starting page introduces to the distribution graph of the defects (per hour and shifts) in absolute values and in percentages. In the percentage distribution graph the trend respect to crap target is clearly visible (red line in Fig. 2). Averages values of distribution are also available (blue line in Fig. 2).

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![](_page_6_Picture_2.jpeg)

Fig. 3: Post Production Report: main page

Coming back to the main page and clicking in any area of the reference image the following detailed view will be showed:

![](_page_7_Picture_2.jpeg)

**Fig. 4**: Post Production report: detailed view

After the selection of the defected region (red rectangle) it will be possible to examine each defect using the centered grid navigation function, in the left grid global statistical data will be summarized.

#### 2.1.1. The Post Production Report (PPR) – last update ver. 2.0.0.0

During the production control the PPR will show to the user the running production trend and information in a similar way of the Live Production Report.

## 2.2. The Live Production Report (LPR)

The live report provides an overview of the performance of the running production. This report has to be displayed on a additional vision system monitor that runs a web browser.

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![](_page_8_Figure_2.jpeg)

#### Fig. 5: Live Production Report

The statistical information provided are the same summarized in the PPR graph description.