



The NPM-DGS data creation system is the integral solution for creating, editing and simulating production and library data for high productivity.

## NPM-DGS: line management system

The line management system NPM-DGS provides various features, like the Multi-CAD import, tact simulations, a component library of all pick and place machines, displaying of placement and inspection head data on the display during operation, production data optimization and an optional off-line component data creation to make the work preparation as easy as possible, by guaranteeing an improved and more efficient placement process. NPM-DGS offers to create off-line component data and improves productivity and the data generation workflow. A parts library for the entire shop floor can be centrally managed. With simulations the total operating rate of the production line can be checked. With the MJS-function the feeder replacement can be reduced. The PPD/LWS Editor helps to quickly and easily edit the production data. Multi-CAD import Most CAD data formats can be imported through macro definitions. A polarity check is performed in advance. Optional off-line component data creation DGS works with any flatbed scanner and offers the ability to create off-line component data or with the NPM off-line camera unit

### Key Features

Multi-CAD import

Creation of off-line component data

Total operating rate of the production line can be checked

simulation in advance on the screen and improve the total operating rate of the line. Mix Job Setter (MJS) A common feeder arrangement is advantageous when manufacturing multiple different products, since the reduction in feeder replacement time increases productivity. PPD/LWS Editor Reduce loss times by quickly and easily editing the production data of the placement and inspection heads on the PC screen during production.

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<https://eu.connect.panasonic.com/ch/en/products/smart-factory/npm-dgs-line-management-system>