GFaI Society for the Advancement
of Applied Computer Science

QUICKSTEPS
SOFTWARE TO IDENTIFY MEASURES IN CASE OF INCIDENTS

Production plants in sheet metal forming are characterized by chains of complex processes. Therefore, disruptions in a process can lead to the shutdown of an entire production line which results in high losses.

In order to **increase plant efficiency**, the reduction of downtime caused by incidents is critical. Therefore these incidents and their corrective measures must be managed. This is often achieved by storing the related information in the form of catalogs and databases. However, the problem is to maintain and retrieve the stored information. Here applies the main principle: **Keep it Simple**.
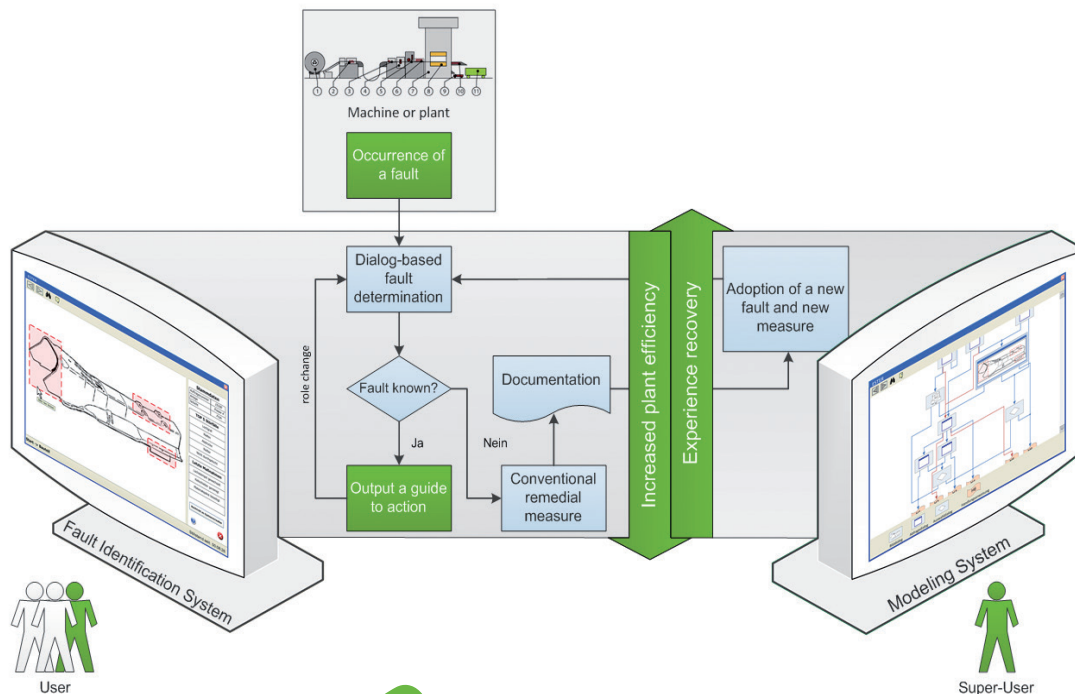
QUICKSTEPS helps: Incidents and instructions form the data base of the system. The operator is guided through a series of dialogue queries about the incident specification towards instructions.

This is achieved in the **Fault Diagnosis System** through a touch screen interface with easy to use selection dialogues, yes/no questions and touch sensitive picture dialogues.

The workers have an option to document the implemented measures for the incidents that are not yet listed in the system. The absorption of the new incidents and respective corrective measures (**Experience Recovery**) are carried out in a second step by another user group.

The super user (foreman or shift manager) maintains and processes the new information in the system and makes it available to all the machine operators. This is done in the **Modeling System** using the contained graphical editors.

Working with **QUICK**STEPS builds a comprehensive database of lessons learned that are applicable to the specific production process.

www.quick-steps.de

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