

Equipment Recipe Management Improves Quality and Engineering Productivity

For semiconductor, FPD and LCD manufacturers, maximizing equipment performance through effective recipe management and associated parameters minimizes operator errors, reduces costs and provides engineers with the competitive edge they need to succeed in quality-demanding semiconductor and flat panel display manufacturing environments. Thanks to BISTel's highly efficient eRMS, engineers can more easily track changes in recipes and parameters with powerful tools that enable recipe version control, and recipe comparison within and between equipment and function change history.

Flexible, Efficient and User-Friendly eRMS for Better Fab-wide Operations Management

Selecting the wrong recipe ID can set invalid recipe parameter values, which may in turn lead to a disruption or downtime in wafer or panel production, resulting in costly material scraps and significant financial losses. In addition, process engineers are often responsible for recipe editing, copying and distributing recipe files to and from equipment using USB drives. Managing recipes in this manner is a risky, and laborious process that decreases equipment and overall engineering productivity. BISTel eRMS workflow engine lets engineers customize and modify applications for equipment recipes and parameters without ever shutting down the system. eRMS recipe and equipment mapping provide greater flexibility to accommodate complex selection requirements. With eRMS, engineers can also validate, download and upload recipes and parameters more effectively, reducing material reworks and scraps, enabling equipment and processes to perform at peak.

Intelligent Manufacturing

BISTel's intelligent manufacturing solutions are shaping the factory of the future, improving costs, operational efficiencies, and quality across factories by connecting the manufacturing ecosystem to better

