

success stories



Safely into the Stadium - with Engineering Base



The Dambach Works, part of the group of companies in Gaggenau, develop and produce extensive hardware and software packages for electronically operated traffic control systems. Dambach, with almost 700 employees, is the only German manufacturer that offers complete control systems from one source.

■ Lifesaver "Intelligent Highway"

The permanently increasing traffic both in town and out of town requires an ever increasing number of control systems e.g. for priority treatment of the local public transport, for parking lot regulation, traffic jam or speed limit warnings, detour instructions or lane clearance. Hundreds of thousands of visitors to soccer matches profited from a large number of freely programmable LED matrix signs installed by Dambach that directed fans and players alike safely into the stadiums. Radar sensors above the pavement or induction loops underneath measure the traffic density and transmit the data to a traffic control center. There the software package evaluates the data according to the vehicle numbers and types. With up to 300,000 vehicles per day, as on parts of the A5 freeway, even the tiniest disturbance of the traffic flow means danger. Dambach directs the flow of the vehicles even there and warns against

traffic jams and construction sites. Thus the "intelligent highway" can prevent accidents and save lives!

■ Save easily with EB

For its extensive electrical documentation, Dambach counts on the object-oriented and database-driven Engineering Base (EB) from AUCOTEC. EB could be used following only a short introductory period because the user interface and the integrated graphic tool MS Visio, already familiar to the "Dambachers", rendered the training easy. Other points that also convinced the Gaggenau people were the server installation for multi-user operation and the additional shapes that can be tailored to the needs of the company. True-to-scale drawing with EB was another important criterion for the Dambach decision. Layout and cabinet diagrams, site plans and cable diagrams as well as general diagrams of the street pattern can be easily created. The output of Excel lists of any kind is also simple; this enables alphanumeric operation both in manufacturing and design. In particular the individual adaptation of the lists as well as the export and import options facilitate the work and distinctly reduce the planning time and the costs.

