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Material Information is Top Priority

The growing globalization forces enterprises to optimize their business processes. In order to make their systems more flexible and effective as well as to increase their quality, they often fall back on expensive measures - including external consulting services.

It is in the nature of it, that, according to their specific competence, consultants focus on economic and organizing measures. In most cases they do not consider technical details sufficiently. This is true especially for everything referring to materials.

Materials are responsible for half of the total costs of many products. Therefore, a reliable and efficient administration of all information referring to materials is top priority. Many enterprises ignore this weak spot. There are authorized representatives for security, quality, data protection and a lot more, but no central contact point for material information nor documented concepts or strategies for the in-house use of material information.

Again and again we are faced with such situations:

- Enterprises administer material data decentralized; single systems are redundant, contradictory and incompatible.
- A few employees consider material information as personal property. They refuse to share knowledge to secure their position.
- Important projects come under time pressure, because material information is not available when

needed.

- Tests are repeatedly carried out, because information about settled projects is not available or cannot be found.
- Expensive material tests are carried out, although the measured values are technically irrelevant.
- Expenses for the determination and administration of material information are not known to the management, cost reducing measures cannot fall back on reliable data. It is not possible to plan ahead the finances of material related projects. The lack of information makes an effective control of success impossible.
- The management of material tests is based on out-of-date, paper-based proceedings. Projects require a lot of time and the proceedings are not transparent for ordering parties.
- Problems and damages arise due to the use of incorrect material data and it is not possible to locate the source or cause.

All these problems occur in some of the best run enterprises. They can be avoided only by comprehensive concepts for the use of material information. Of course, appropriate tools must be available. M-Base established itself worldwide as supplier of internationally acknowledged material databases and product information systems. Our clients are global players from the steel and plastics sector as well

as from the automotive industry.

The software development for many of our clients requires analyses of the internal data flow and the strategies for the in-house use of material data. In most of the cases, introducing one of our material databases led to the optimization of in-house proceedings which resulted in enormous cost reductions and quality improvements.

The longstanding experience from these projects can be offered on a consultancy basis. Rely on our help, if one of the problems described above applies to your enterprise.

Our method comprises a comprehensive evaluation of available material information and of data flows as well as the documentation of your actual need for material data. As instrument, we rely on organized discussions and workshops with all participants. Our system experts and engineers analyze your current data structure as well as the common processes. The result is a comparison of need and reality. From this we extrapolate improvement proposals which refer to the quality but also to the effectivity of information.

The results are at your disposal for further use. It is not our aim to sell software, but to offer our special experience. The customer's IT service providers can be included in the process, in order to guarantee, that all results are compatible with current processes as much as possible.

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