

Digitization of Knowledge to Support Optimized System Integration of Measurement Devices

Günther Pregartner ¹

Abstract. Development companies in the field of measurement devices often miss unified, complete and linked digital descriptions of their products. Islands of information which describe one certain aspect created on specific tools (e.g., CAD, manuals, documents etc.) exist as isolated entities. Detached organizational structures and development engineers sticking to established procedures of working decrease the innovation factor.

A project is present which actively focuses on overcoming the barriers described utilizing a bottom up approach involving the relevant developers and deciders, keeping in mind the relevant human factors. The result is the creation of knowledge based on creating and linking available information at a central Single Source of Truth.

¹ GUEP Software GmbH, Reininghausstrae 13, 8020 Graz, Austria, email: guenther.pregartner@guep.com