PXML Data for Production
Modern data format for optimised production data in the concrete precast parts factory

PXML is a data format of Progress Software Corporation which has been created in close cooperation with Precast Software Engineering. Nowadays, XML (Extensible Markup Language) is the standard for data exchange between heterogeneous systems. The format is platform-independent and supports any character sets.

**PXML Data for Production**

- Enables the complete 3D mapping of complex reinforcement and component geometry.

- In addition to the production-relevant data, PXML Data for Production now also contains technical settlement information for evaluation in ERP systems.
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### Functionality and processing

- With PXML, several layers of an element can be mapped, each with their own reinforcement and own installation parts.

- The fields of the format (Standard-Tags) are bindingly defined. However, not all need to be used.

- Through the use of UTF8-Encoding for the PXML files, many problems in data exchange are avoided.

### Advantages

- Reinforcement and component geometry can be completely mapped in 3D.

- PXML Data in conjunction with the PTS-Server of Progress and PTS-OPTIMESH in PLANBAR enables the manufacturability of a product to be directly queried. The creation of data takes place in consideration of the production options. This way, process control and optimisation of the production process is ensured.

- PXML also enables feedback from production machines. The changed production data can also be delivered in the feedback.

- The interface enables the transfer of any additional information.