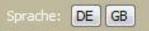


Simplification of planning process by use of the interactive product configurator at Hans Georg Brühl GmbH

20.02.2013 Dipl. Ing. Timo Kleemann





Produkte:

BRÜHL SAFETY FENCE DESIGNER

BRÜHL 3D CAD Katalog

Dokumente:

Erste Schritte	
Kontaktdaten	
V1.2, 27.08.2012	© 1992 - 2012 CADENAS GmbH

CAD



Content

- Introduction of the company
- Initial situation
- Simplification of planning process
 - Order process
 - Distribution process
 - Sales partnerships
- Result
- Prospects

- Specifications

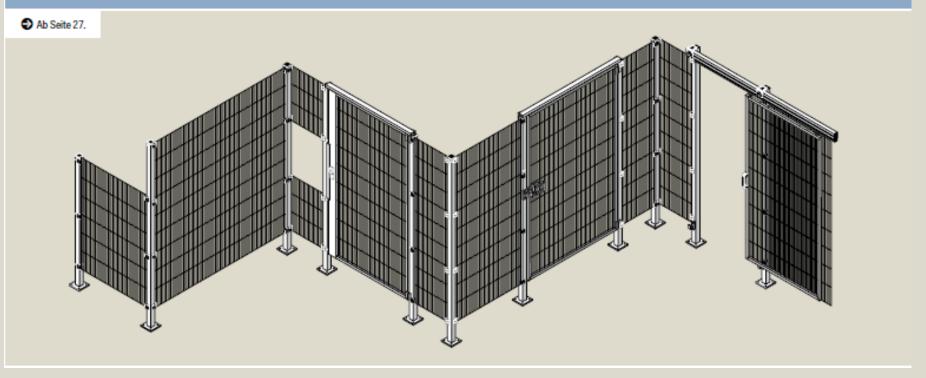
- Owner-managed medium-sized enterprise based in Siegen
- Since 1983 producer of dividing safety guards for machinery and plant construction
- Currently145 employee at the headquarter
- Several sales office in Europe





- Products

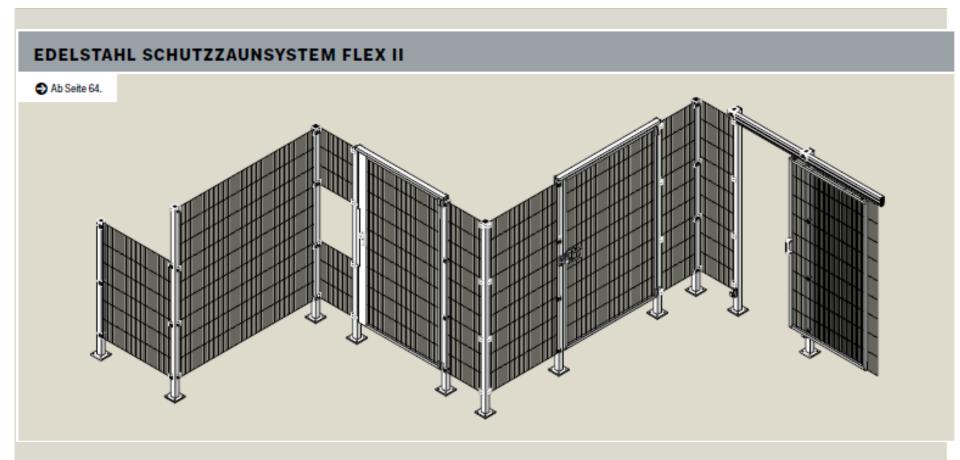
SCHUTZZAUNSYSTEM FLEX II



www.schutzeinrichtungen.com

Brühl

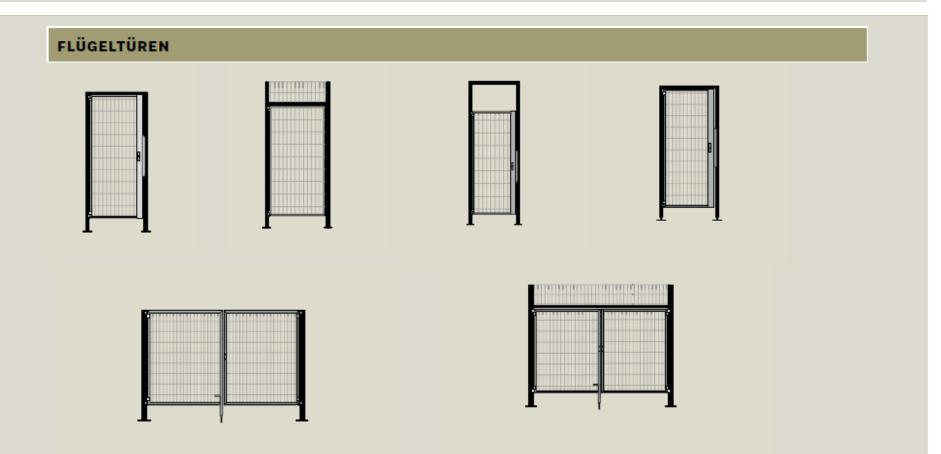
- Products



www.schutzeinrichtungen.com

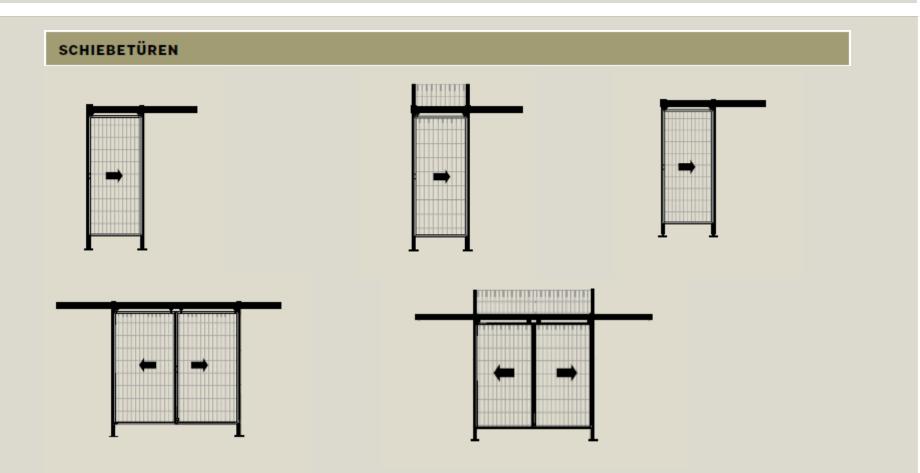
Brühl

- Products





- Products

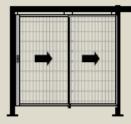


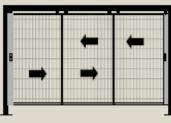
Brühl

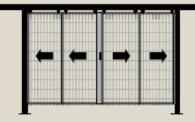
- Products



SCHIEBETÜREN, TELESKOPIERBAR







- Products





Brühl

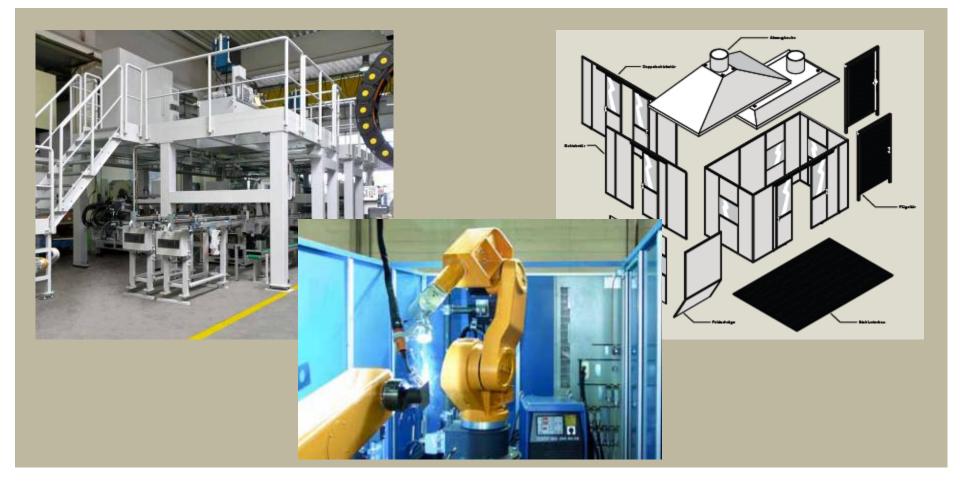
- Special-purpose solutions



www.schutzeinrichtungen.com



- Special-purpose solutions



www.schutzeinrichtungen.com

Brühl

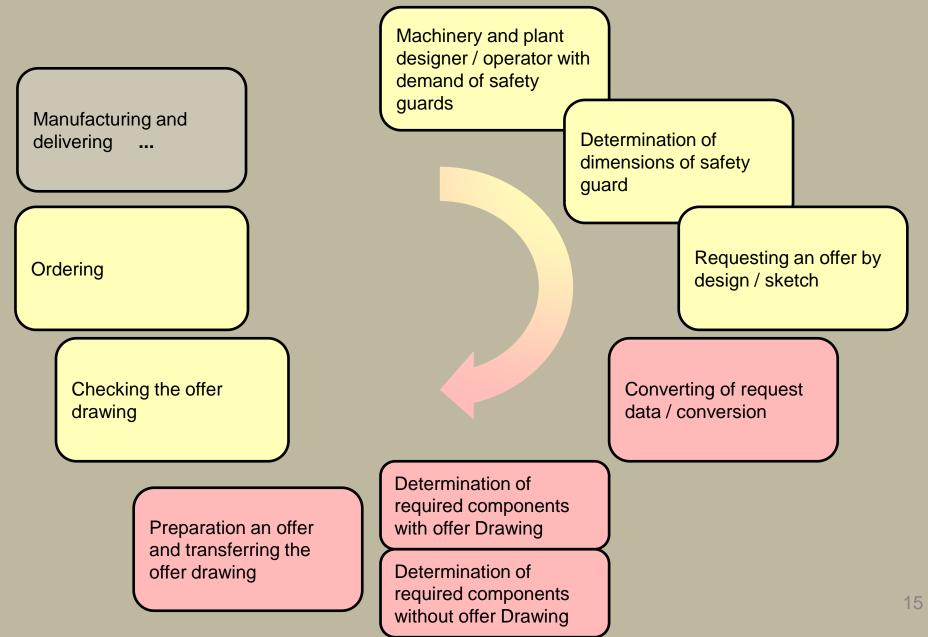
Content

- Introduction of the company
- Initial situation
- Simplification of planning process
 - Order process
 - Distribution process
 - Sales partnerships
- Result
- Prospects

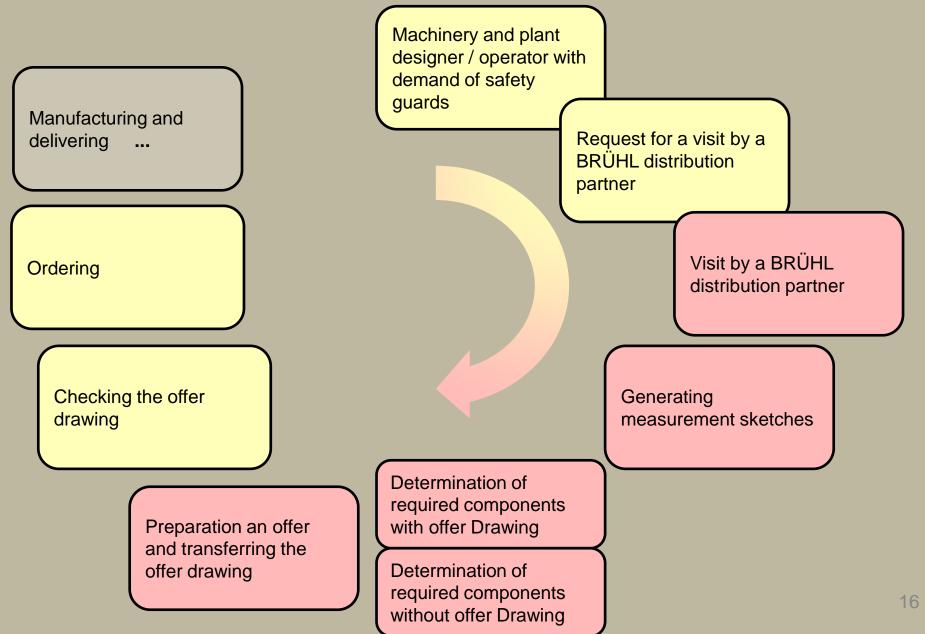
Initial situation

- High variety of products and types
- Demand of preferably short delivery times
- **Rising requirements of customers:**
 - Supply of 3D design data for further use by builders of machinery and plants
 - Providing high preciseness in design
 - Faster processing of orders

Current order process



Current distribution process



Initial situation

Objective target of Hans Georg Brühl GmbH:

- Opening up of new markets
- Retention of product variety
- Faster processing of orders by simplification of processes
- Faster Supply of design data
- Reduction of internal effort

Content

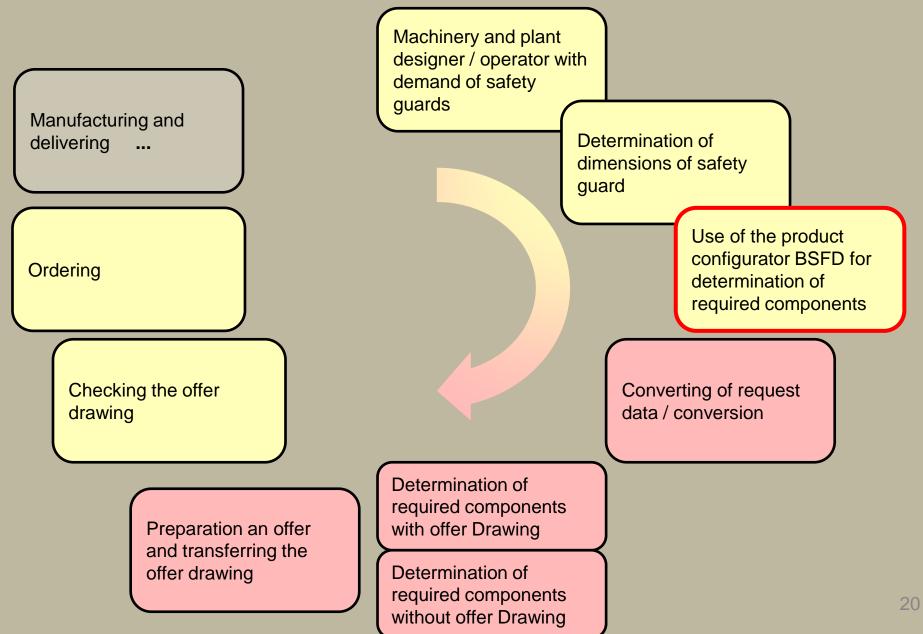
- Introduction of the company
- Initial situation
- Simplification of planning process
 - Order process
 - Distribution process
 - Sales partnerships
- Result
- Prospects

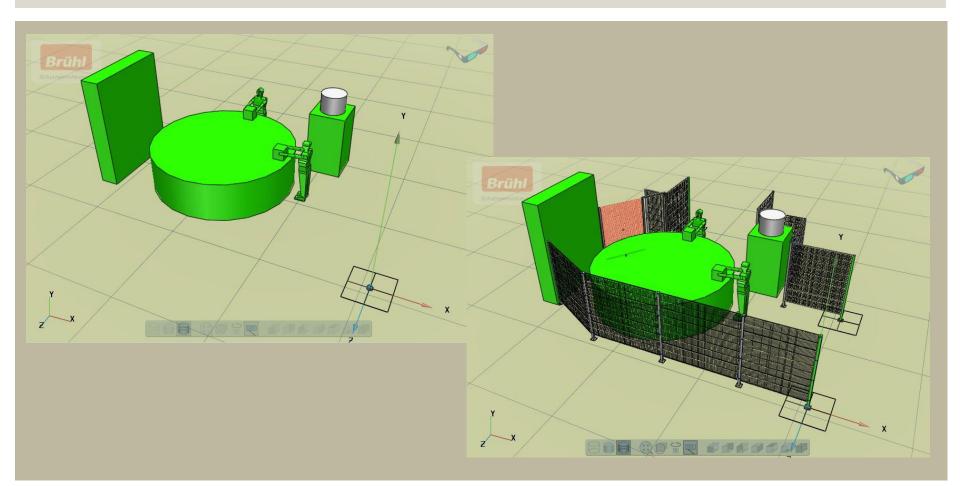
Improvement of order process

www.schutzeinrichtungen.com

Brühl

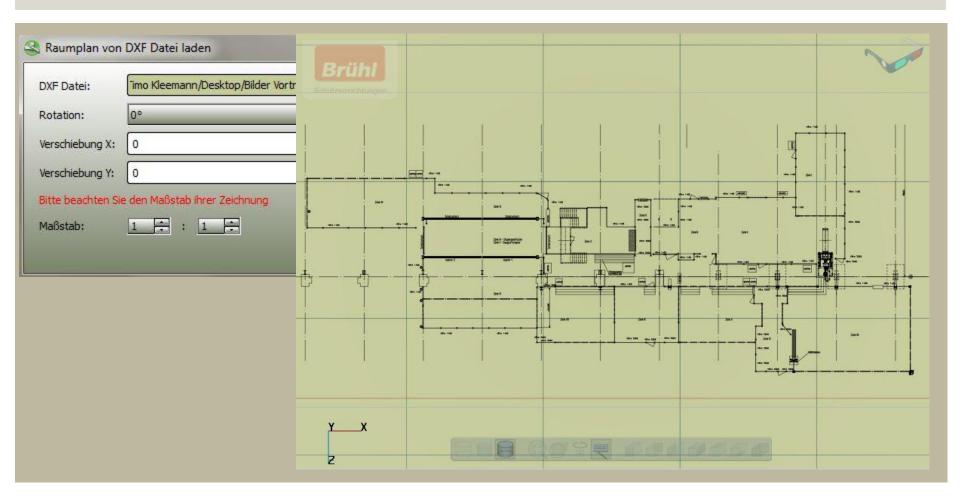
New order process



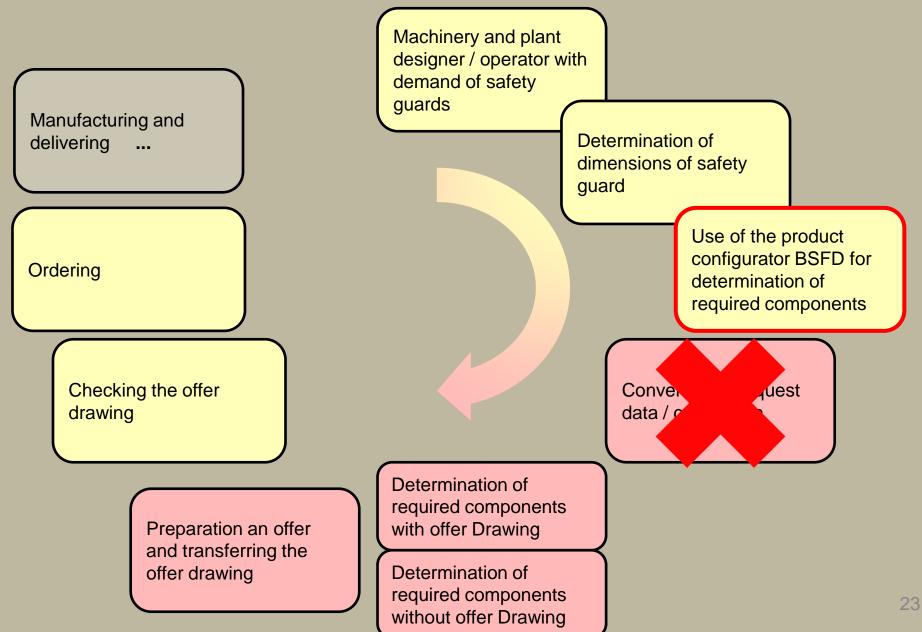


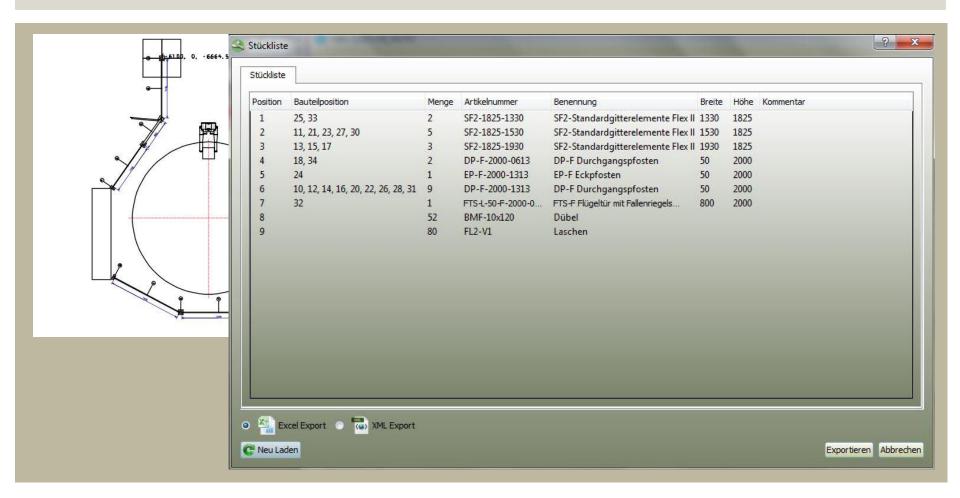
www.schutzeinrichtungen.com

Brühl



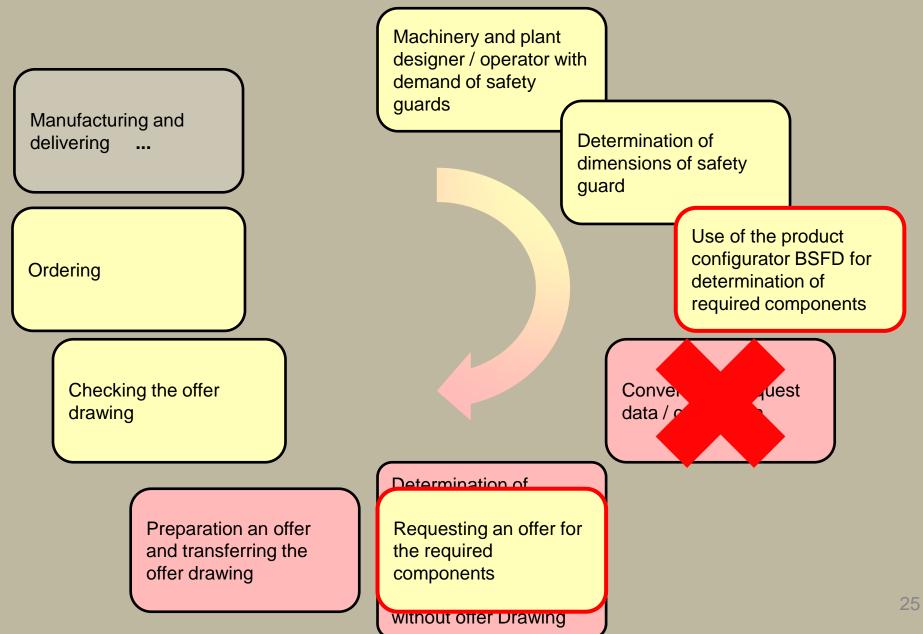
New order process





Brühl

New order process

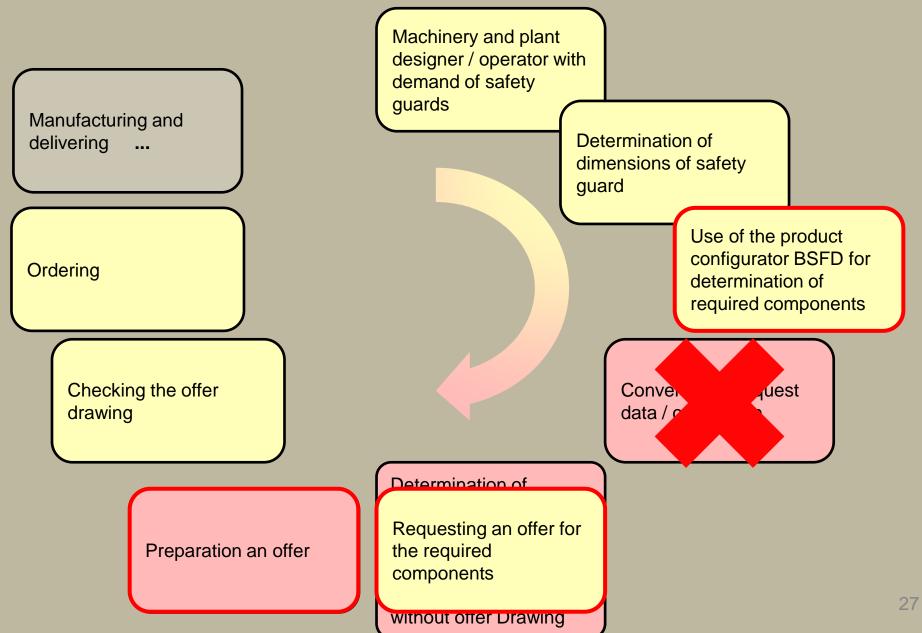


Name:	Zip-Datei Timo Kleemann_ <datum>_<uhrzeit>.zip</uhrzeit></datum>
Pfad:	C:\Users\Timo Kleemann\Documents
Folgend	le Dateien werden dem Archiv hinzugefügt:
💾 ті	imo Kleemann «Datum» «Uhrzeit» ineg
Ti	imo Kleemann_ <datum>_<uhrzeit>.jpeg Exportierer</uhrzeit></datum>
Ti	
Adresse	Exportierer
	Exportierer Email-Versand :: [Timo.Kleemann@schutzeinric

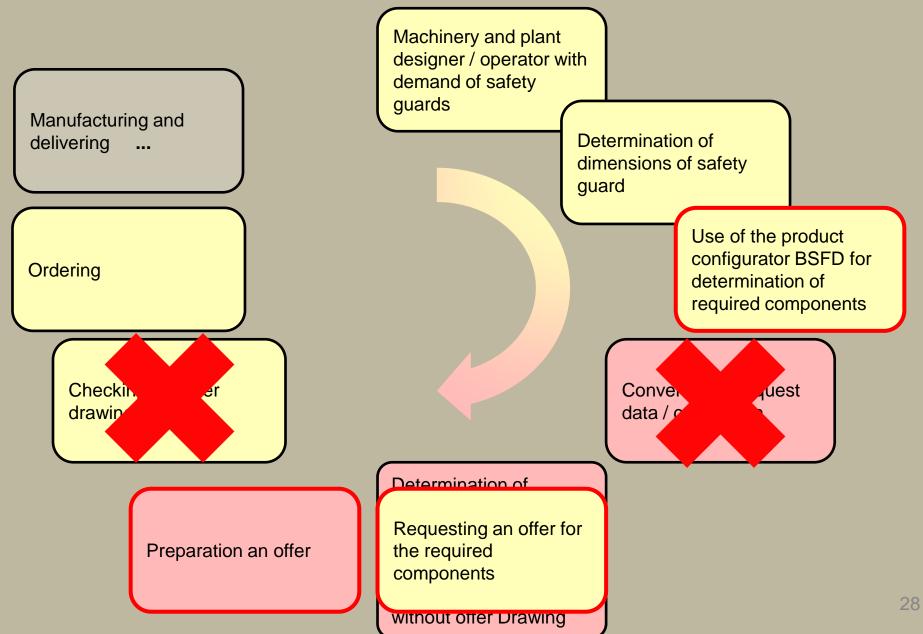




New order process

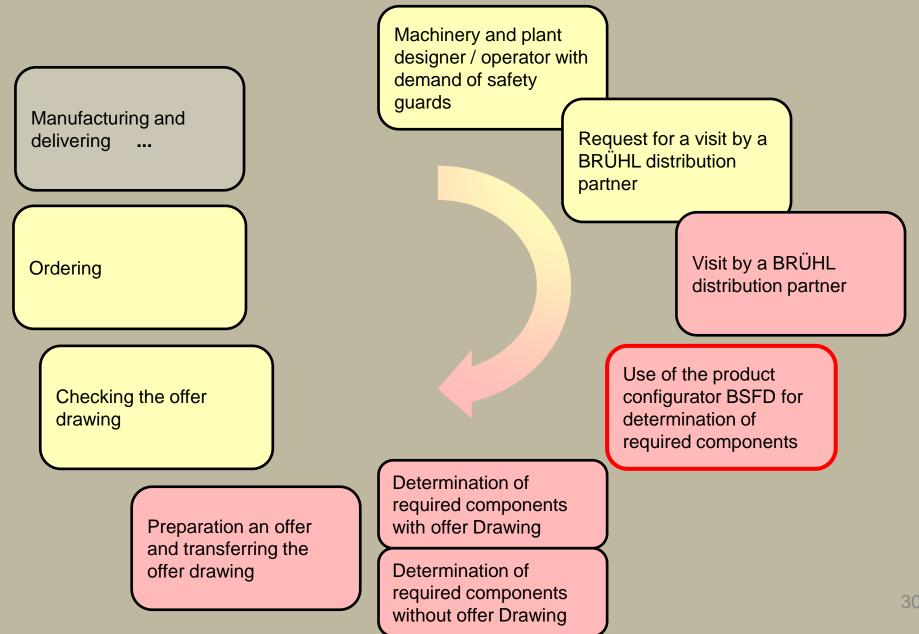


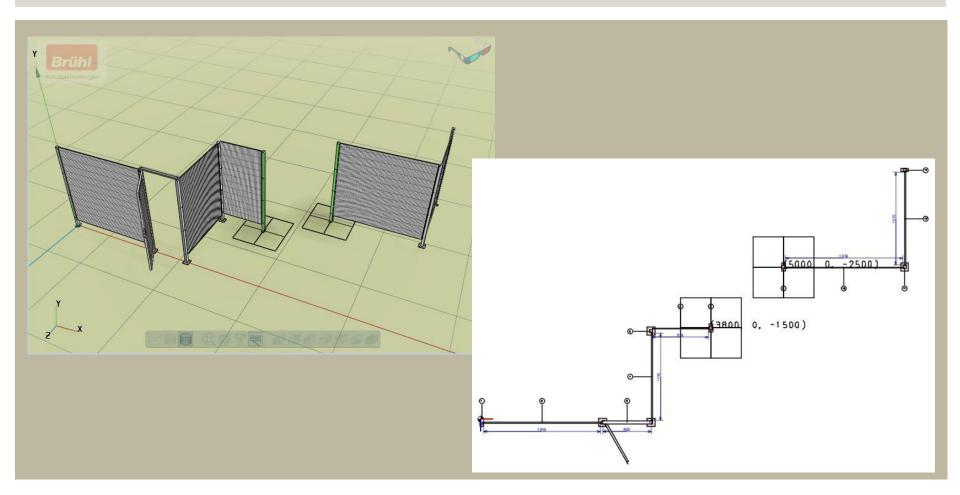
New order process



- Improvement of order process
- Improvement of distribution process

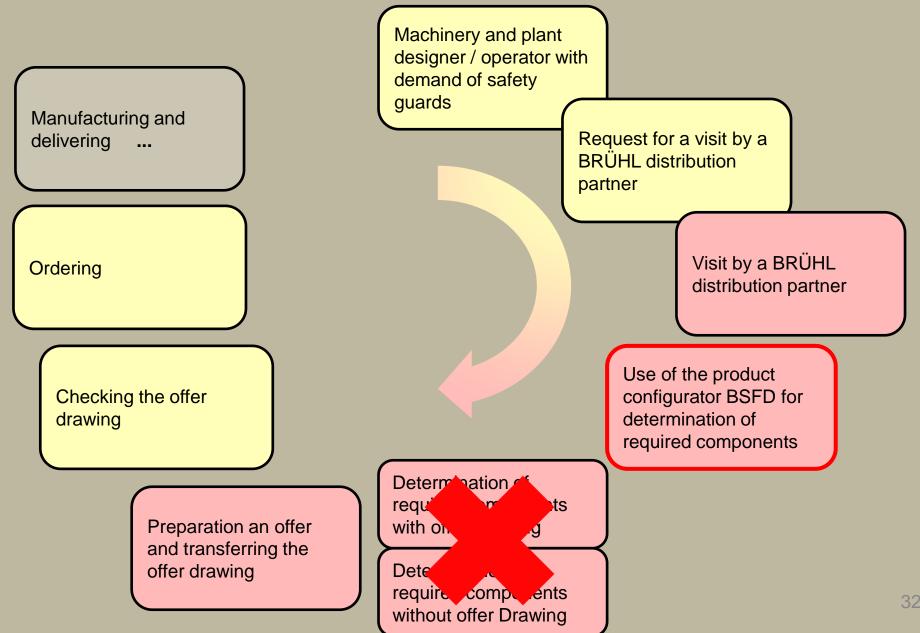


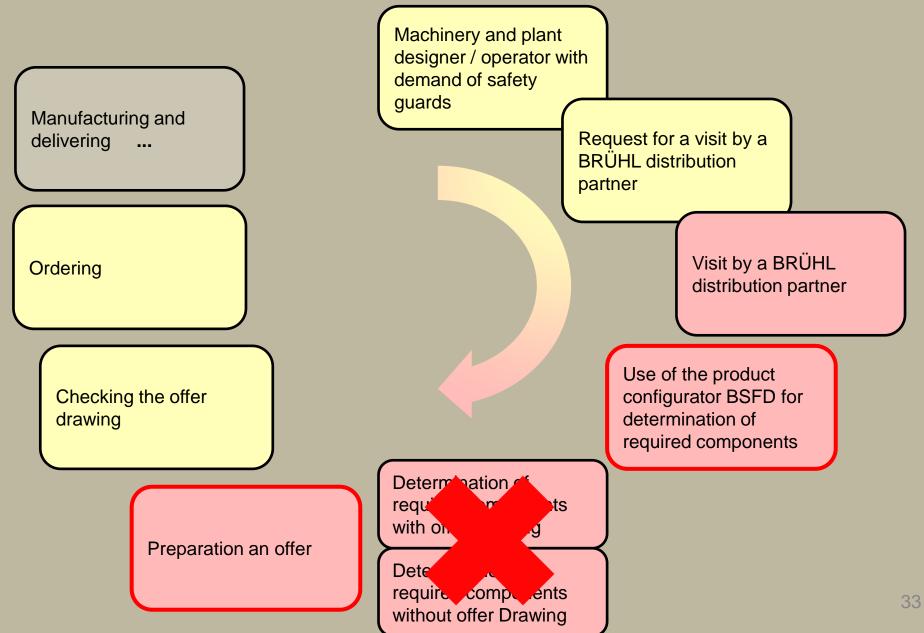


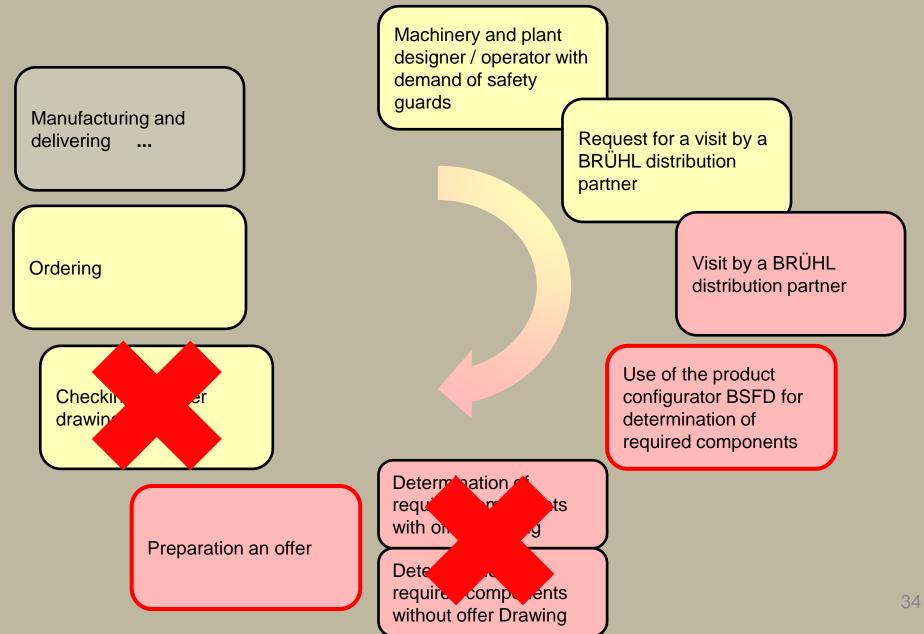


www.schutzeinrichtungen.com

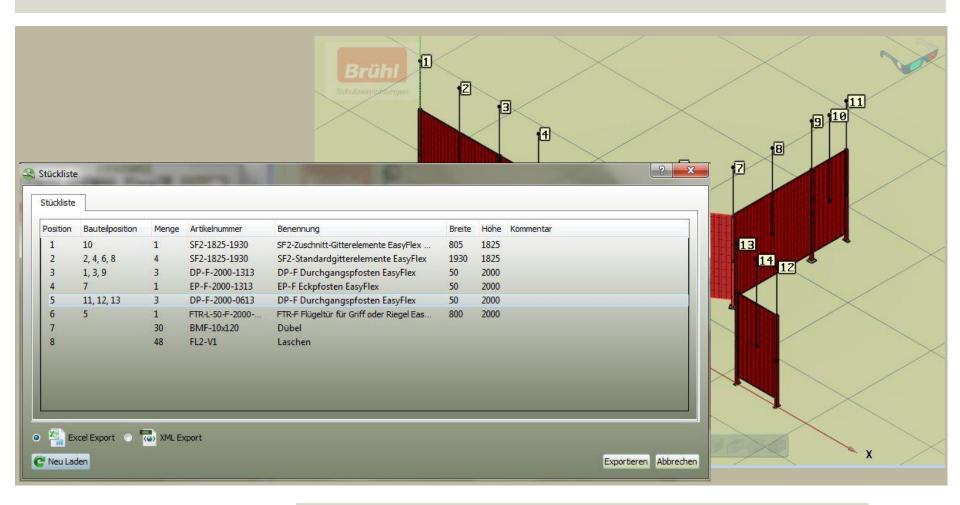
Brühl







- Improvement of order process
- Improvement of distribution process
- Sales partnerships
 - Reduction of supply chain by intermediate storage
 - Reduction of item variety by using the separate planning mode EasyFlex
 - On-side cuts



Brühl

Content

- Introduction of the company
- Initial situation
- Simplification of planning process
 - Order process
 - Distribution process
 - Sales partnerships
- Result
- Prospects

Result

- The interactive product configurator allows to simplify planning for the main products and parallel to retain the variety of products und types.
- By reduction of the planning processes short delivery times for standard products can be realized.
- Design data can be directly used by machinery and plant designers.
- A high preciseness in design is guaranteed.



Result

Export options:

SRÜHL SAFETY FENCE DESIGNER powered by PARTsolutions / CADENAS

Datei Export Ansicht Extras Fenst	er ?	
STEP 3D	2D < Export im STEP 3D-Format	×
3D CAD Formate 3D Systemneutral Grafikformate Sonstige	igurator Ba Hinzufii AutoCA IGES 3D SAT asci SAT bin	
	STEP 3D Zieldatei: C:\Users\Timo Kleemann\Documents\export.stp Version: STEP AP 203 OK	Abbruch

Brühl

Result

Objective target of Hans Georg Brühl GmbH:

- ☑ Opening up of new markets
- ☑ Retention of product variety
- Faster processing of orders by simplification of processes
- Faster Supply of design data
- Reduction of internal effort

Content

- Introduction of the company
- Initial situation
- Simplification of planning process
 - Order process
 - Distribution process
 - Sales partnerships
- Result
- Prospects

Prospects

Current tasks:

- Expansion of the use of the product configurator at our customers / gaining key-user
- Development of training concept for the BSFD
 Training for customers
 - Training for sales partners



Prospects

Further projects:

- Partial automated preparation of offers by use of an interface between product configurator BSFD an ERP-system
- Implementation of further safety fence systems in the product configurator





Thank you for your attention!

20.02.2013 Dipl. Ing. Timo Kleemann