**ProFab**
**network**

# ProFab designmanager

## Automatic Design Protection: The Software Solution

Crucial to success in the knitwear business is the development of original design patterns, in particular in lace. Since design pattern data constitutes the working capital of the company, a central task within the company must be to secure the protection of these designs.

**Exclusion of Errors**
Thanks to the ProFab designmanager developed by TEXION, design pattern security can start at the design development stage. At this stage of the process chain this confidential data is already securely managed on a central server. The system chronologically archives the data resulting from any changes (for example, from a testing phase), thus ensuring that the data forwarded for production are the most recent. This cuts out any data transfer via data carriers, and also the risk of non-authorized accessing, unallowed copying or exterior manipulation.

**Accelerated Availability and Simplified Handling**
Machine operators are able to load data to the controller of the Karl Mayer machine directly via the network. This radically accelerates loading times and simplifies handling. The settings required for machine control are automatically generated by ProFab designmanager. This eliminates operating errors!

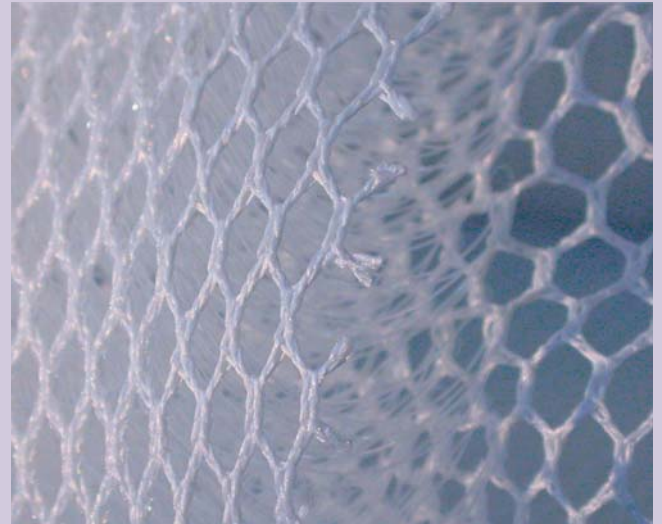**Cross-locational Security in Data Transfer**
Mechanisms developed in ProFab ensure maximum security at data transfer. Sophisticated client server communication is based on a secure network topology and server architecture and can be extended by additional access restriction via the ProFab modules for logging operating data and job planning.

International or globally organized companies can derive special benefit from this software feature. Virtual Private Network (VPN) ensures absolute security. Data are transferred through an encoded data tunnel between two local networks via a public network. VPN ensures that communication is only possible between the two authorized points. After the connection is built up, the two sub-networks behave like a coherent local network. Penetration from the outside is fully excluded.

During transmission, the data are encoded and can only be decoded at the other end.

**Security of Investment: Flexibility**
The open structure of ProFab network means that extensions to system functionality can be implemented without impacting other components. This ensures the security of investment for ProFab network. We will be happy to give you a presentation about how you can benefit from ProFab designmanager and other ProFab network modules.





# ProFab network

## ProFab designmanager
- Direct transfer of design pattern data from atelier to machine (time-saving and security benefit)
- Design patterns fully protected against misuse (security benefit)
- Secure versioning of pattern designs (quality benefit)

## ProFab machinemanager
- Overview of the status of all machines
- Detailed data relating to each machine
- Straightforward call-up of protocols and listings
- Key data (average RPM, productivity) available at any time
- Graphic display of RPM curves (monitor)
- Analysis of reasons for standstills (cause, time, remarks)

## ProFab jobmanager
- Interface to all standard production planning systems
- Administration, planning and tracking of all production jobs
- Job progressing and production deadline monitoring
- Planning maximum machine productivity
- Quality control via detailed protocols