With ATHENA the machine becomes an active and autonomous part of production, controlling the inputs/outputs set up and handling incurred malfunctions or production defects in real time.

Machines are equipped with specific sensors to collect data and measure production parameters such as:

- machine speed
- machine internal temperature
- machines vibrations
- fabrics tension
- fabrics residual moisture quantity
- fabrics width control
- many more, depending on the machine model

Using data collected by the sensors, ATHENA defines the parameters of the STANDARD PRODUCTION QUALITY.

With ATHENA you can:

- Create your own Charts view
- Check machine status from any device thanks to the HTML5 graphics
- Export your data
- Fully control data of multiple connected machines in one single platform
- Define many access permissions, assigned to different users according to their operativity and visibility level
The speed of the production processes is the hardest challenge and at the same time the biggest opportunity to develop new business models in the textile industry in order to satisfy new users’ needs.

In intelligent textile industry systems, machines can communicate with each other and with devices in the full potential of Industry 4.0 achievements.

With ATHENA, your production will improve in terms of:

- Higher yields
- Waste reduction
- Time optimization

Athena Advantages

Production advantages

- Cost savings
- Improved flexibility
- Increased efficiency

- Performance improvement
- Process optimization
- Self-configuration of the production process
- Intelligent production system
- Data analysis
- Raw material optimization
- Automatic set parameters

Increased final customers satisfaction