Digitalization of the sewing industry – Who will take the leadership?

Mariano Amezcua
President
DAP America, Inc.
Dürkopp Adler Group

- Biggest European manufacturer of industrial sewing machines
- Member of ShangGong Group (China)
- Approx. 1800 employees worldwide
- 188 Mio. EUR Sales (2018)
- Headquarters: Bielefeld/ Germany, est. 1860
History of Sewing

• Manual process with artisanal approach
• Traditional emphasis on mechanical capabilities
• Digitalization is a recent phenomenon
• Industry 4.0 applications are growing
• Significant learning curve is required
Sewing Digital Value Chain

- Standardized programs to reduce set-up and changeover times
- Programmable functions to minimize rework and scrap
- Consistent quality for complex stitching and seamless applications
- Automated sewing stations to achieve cycle time and cost targets
- Robotic cells to ensure a repeatable and reproducible process
- Real-time KPI’s and data-driven decisions to optimize production performance
3-5% increase in overall productivity

30-50% reduction of total machine downtime

10-20% reduction in costs for quality

Thank you very much!

Mariano Amezcua
President
DAP America, Inc.
(770) 446-8162
(915) 493-3835
mamezcua@dapamerica.com