



Training module: FINISHING, PRINTING and FUNCTIONALIZATION
Course: Basic Principles of Textile Printing

The course is developed under Erasmus+ Program Key Action 2:
Cooperation for innovation and the exchange of good practices Knowledge Alliance

ICT IN TEXTILE AND CLOTHING HIGHER EDUCATION AND BUSINESS

Project Nr. 612248-EPP-1-2019-1-BG-EPPKA2-KA



□ ICT in Textile Printing

- ✓ ICT role in modern textile printing technology
- ✓ ICT tools in textile printing (examples of specialized software)
- ✓ Novel aspects of textile printing
- ✓ Information transfer, digital texture visualization, colour objectification systems



□ Software for imaging, designing and color separation

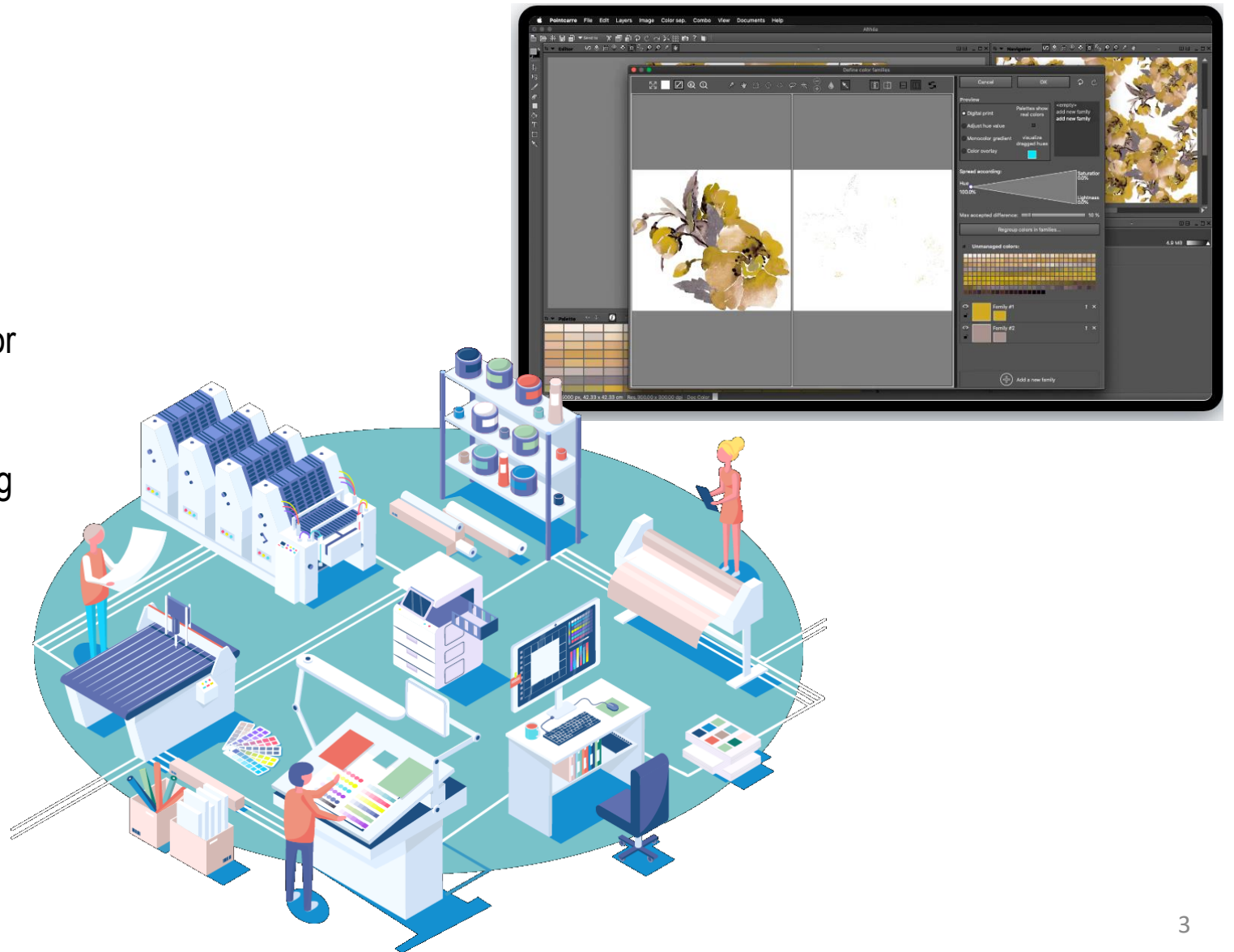
- CAD software solutions for textile printing industries are innovative packages, developed to achieve the highest quality in the shortest time.
- They must be able to integrate into the entire production process.
- Must be based on modular concept with all modules working “hand to hand” to assure and simplify connection between designing (CAD) and screen production (engraving/light exposure - CAM).



✓ Examples:

❑ POINTCARE for printing

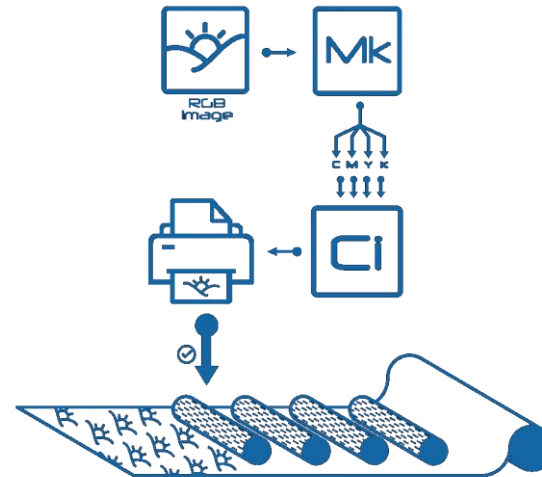
- Designing module
- Module for design preparation for digital or conventional rotary printing
- Digital sampling
- Matching digital sampling to rotary printing





❑ bestIMAGE - spgprint

- Defining and editing designs.
- Repeating, color separation, texture mapping, simulation, colors calibration
- Modular settings – connecting the preparation phase with screen production by laser engraving or laser exposure method
- Compatible with all commercial rotary printing machines



❑ TREEPAINT

- Solution engineered for 4-colour rotary printing
- Module for design preparation, 3D simulation, color raster separation
- Digital sampling
- Rotary printing

datacolor

<https://www.datacolor.com/business-solutions/product-overview/datacolor-envision/>

Datacolor ENVISION Precise On-Screen Color Visualization

- ✓ Display colors accurately on a calibrated monitor, represented on multiple substrates
- ✓ Metamerism evaluation
- ✓ Color applied to textured substrates or full garment to replicate the visual experience
- ✓ The possibility of creating new substrates or garment, created using scanner or a digital camera

