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FBD Business Use-cases and their Business Perspectives in the Use of FBD Data Services



FASHION BIG DATA
TECHNOLOGY PLATFORM:
New digital business models for
fashion and textile supply chains

19 February 2021

SPEAKER PRESENTATION

- MSc in Aerospace Engineering, a BSc in Mathematics, and PhD in Industrial Engineering
- Research Fellowship till 2007 @ Aerospace Dept. Of Pisa University
- R&D consulting Engineer & Project Manager for different private companies (Piaggio, IDS, SICAM, Galileo, Leonardo, Aermacchi, Augusta, 3DS, CIRA, etc.) between 2007 and 2011
- In Grado Zero Espace S.r.l. from 2011, as R&D Team Leader, responsible of more than 15 trans-regional EU-funded projects (in FP7 & H2020), between these: 3D-LightTrans, Trash2Cash, EUCALIVA, Repro-Light, PORTABLECRAC, I AM RRI & FBD_BModel



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- Brief presentation of the FBD Data Services (IDS & SCPMS)
- Introduction of the Business Use-cases
- Perspectives of implementation of of the FBD DSs for the Business Use-cases
- Leave the stage to the DEMO showing the FBD DSs working



PRESENTATION OF THE FBD DATA SERVICES

FBD_BModel has developed and implemented **7 Cloud-based Data Services in the IDS (Integrated Design System)**:

- HUMAN BOBY CLASSIFICATION
- CONSUMER PROFILING
- FASHION & FUNCTIONAL DESIGN RECOMMENDATIONS (to consumer)
- FASHION & FUNCTIONAL FITTING EVALUATIONS (on the product)
- KNOWLEDGE BASE CREATION & ADJUSTMENT
- FABRIC & GARMENT DIGITALIZATION



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PRESENTATION OF THE FBD DATA SERVICES

FBD_BModel has developed and implemented **8 Cloud-based Data Services in the SCPMS (Supply Chain & Production Management System)**:

- SUPPLIERS SELECTION
- MATERIAL & PRODUCT TESTING & CERTIFYING
- CLOUD DATABASES & SERVICES FOR CERTIFIED TEXTILE & APPAREL MANUFACTURERS
- PRODUCTION SIMULATION & OPTIMISATION
- INTEGRATION OF ENVIRONMENTAL FOOTPRINT ASSESSMENT
- ONLINE PRICING,TRADING & FINANCIAL TRANSACTION SERVICE
- CREATION, MANAGEMENT & UPDATING OF THE PRODUCTION KNOWLEDGE BASE

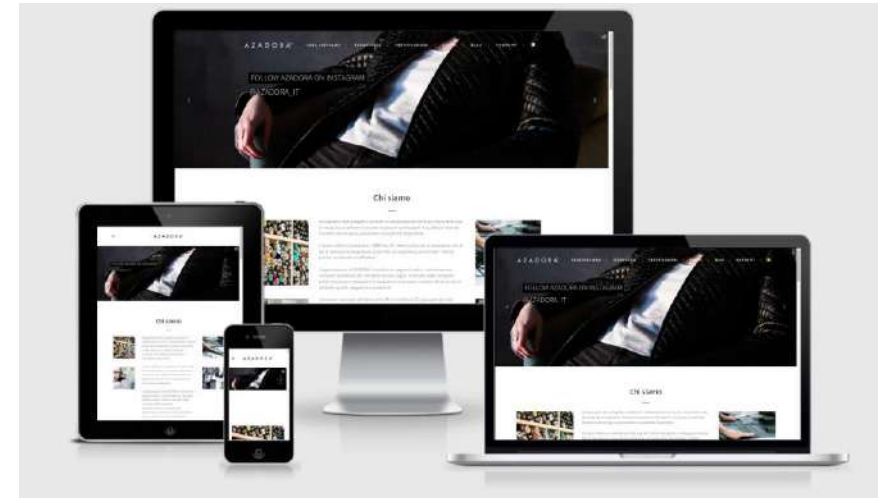
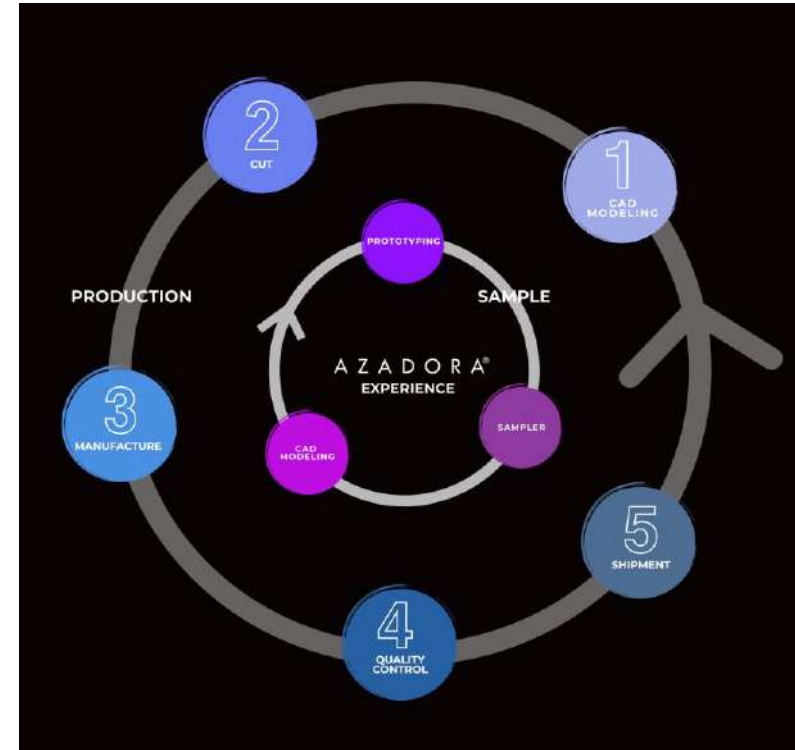


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AZADORA - FASHION FAÇON FOR THIRD PARTY PRODUCTION

AZADORA®

STYLISH WOMEN'S JACKET



BESTE/MONOBİ - FABRIC & APPAREL MANUFACTURER

SHOP

COMPANY

PERFORMANCES

TRIBE

MONOBI

IT ▼ R ▼

ACCOUNT

RICERCA

CARRELLO (0)



STYLISH MEN'S JACKET



COLLEZIONE PRIMAVERA ESTATE 2021

NUOVI ARRIVI

SHOP NOW

BIVOLINO - CUSTOMISED SHIRTS ON THE WEB



Chemises sur mesure Homme en Ligne

Choisissez l'un de ces modèles et commander le à vos mesures. Vous pouvez aussi modifier le style (options du modèle) de ces chemises..

Business - Sans Repassage

Chemises repassage superflu pour un look clean et preppy



CLASSICAL MEN'S SHIRT

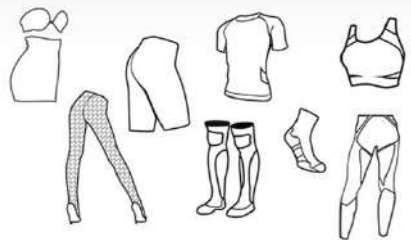


JAKED/YAMAMAY/CARPISA – FASHION & SPORTIVE BRANDS GROUP



Ci stiamo allenando per nuove sfide!

SPORTIVE T-SHIRT & LEGGINGS



AZADORA - FASHION FAÇON FOR THIRD PARTY PRODUCTION

STYLISH WOMEN'S JACKET



- Small series production of stylish & functional women's jacket for different styles and contexts of use
- E-commerce for customised products (in the future strategy of the company)
- Consumer profiling and fashion & functional design recommendations to consumer will be implemented (in the future strategy of the company)
- Fashion & functional fitting evaluations are also part of this business model
- Suppliers selection and material and product Cloud databases for testing and certification are part of this supply chain
- In this supply chain, production simulation & optimisation are fundamental data services, together with the creation & management of the production knowledge base



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BESTE/MONOBI - FABRIC & APPAREL MANUFACTURER

STYLISH MEN'S JACKET



- Small series production of stylish & functional men's jacket for urban lifestyle
- The brand already sells mainly by e-commerce
- Consumer profiling and fashion & functional design recommendations to consumer are implemented
- Fashion & functional fitting evaluations are also part of this business model
- Suppliers selection and material and product Cloud databases for testing and certification are part of this supply chain
- In this supply chain, production simulation & optimisation are important data services, together with the creation & management of the production knowledge base
- Environmental footprint assessment it is integrated, especially for its own fabrics (Beste fabrics)



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BIVOLINO - CUSTOMISED SHIRTS ON THE WEB

CLASSICAL MEN'S SHIRT



- Customised shirts sold by Bivolino e-commerce (on the Web)
- Biometric size prediction is already implemented with proprietary patented clothing sizing algorithm
- Best fitting or in alternative MtM including consumer profiling and fashion & functional design recommendations (in 3D, real-time & co-creation) to consumer
- Fashion & functional fitting evaluations are fundamental part of this business model
- Cloud database for material certification & product traceability, and MtM database services
- In this supply chain, production simulation & optimisation can optimise quality, price and timing
- Environmental footprint assessment it is part of the product certification
- Efficient Web-based data services are central for the successful of this business model Web-centred



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JAKED/YAMAMAY/CARPISA – FASHION & SPORTIVE BRANDS GROUP

SPORTIVE T-SHIRT & LEGGINGS



- Small series production of functional personalised underwear
- The brand sells in shops and by e-commerce
- Best fitting it is the main mean that drive the personalisation
- Functional design recommendations to consumer are central in sportive products
- Fashion & functional fitting evaluations (with 3D) are fundamental part of this business model
- Cloud database for material & product certification
- In this supply chain, production simulation & optimisation can optimise quality, price and timing, as well as speeding-up and optimize the production process
- Environmental footprint assessment it is part of the product certification



TIME FOR THE DEMO

- As demonstration container to show the functionalities of the Data Services, integrated, a Web platform has been created
- Data services in actions will be showed in the next section, where a demonstration on the platform capabilities will be showed
- Suggestion: remain there!



Thanks for your attention



www.fbd-bmodel.eu



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