



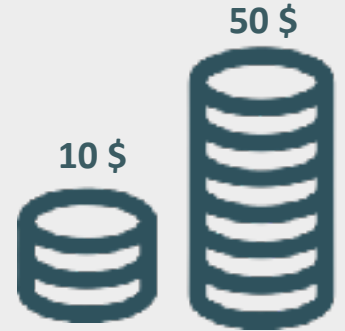
Costifier

SMART, FAST AND EASY

Machine Learning Software for Cost Estimation

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- As stated in REACH-2021-THEMEDRIVEN-CEA_2.2,
- Manufacturers **need to optimize production costs**, while keeping performance
- Manufacturers **need to interact with product designers** to build better products which will increase sales



- At the design stage, products are designed with performance, durability, reliability requirements etc.
Costs of the designs are not considered
- **Subsequent cost reduction efforts are ineffective and costly**



Costifier creates conjectural model of the company with **machine learning algorithms** and uses this model for cost and time estimation of products to be manufactured.



Estimate the cost **with high accuracy (>90%) in seconds during design phase**



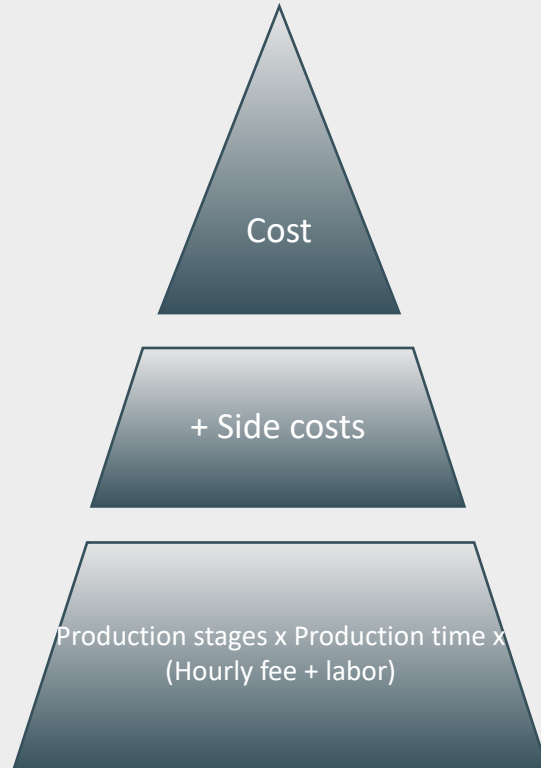
Identify the most cost-effective solution



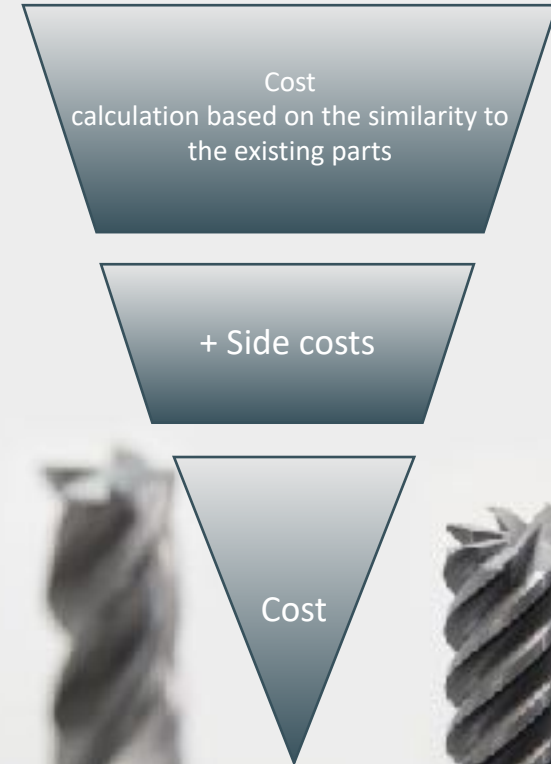
Decrease costs **up to 15%** by optimization



Bottom to Top (Conventional)



Top to Bottom (Costifier)



Average **5 times**
faster and more
accurate cost
estimation

- A manufacturing case study results with about 200 manufacturing data

~90%

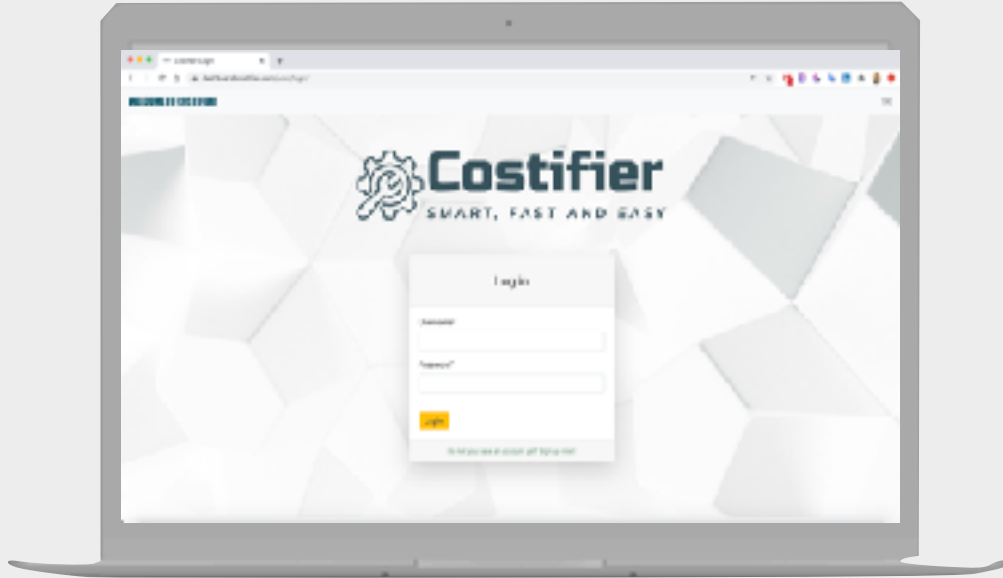
Costifier prediction
accuracy relative to
actual cost

30%*

Better Cost
Estimation for Bidding



*When Costifier estimation and SME cost estimation compared during bidding



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- They can sign up and create their own models by uploading their data.
- The cost estimation process, which takes 4-5 hours a day, can be reduced to minutes.
- Production costs can be reduced up to 15%.









SAAS

- Basic Model
- Premium Model
- Optimization Model

API

- License Fee
- Maintenance Fee
(25% of license fee annually)



	 Costifier SMART. FAST AND EASY	 aPriori	 SIEMENS PERFECT COSTING SOLUTIONS Software • Knowledge • Services	 DASSAULT SYSTEMES SolidWorks Costing
Company Specific Highly Accurate Model	✓			
Industry Average Models		✓	✓	✓
Automatic calculation with 3D model	✓	✓	✓	✓
Up to 15% Cost Reduction	✓			
Constantly Updated Smart Software	✓			
Cost	\$	\$\$	\$\$\$	\$\$\$

Europe, Middle East and Africa
Manufacturing Industry*
100- 150 Billion €

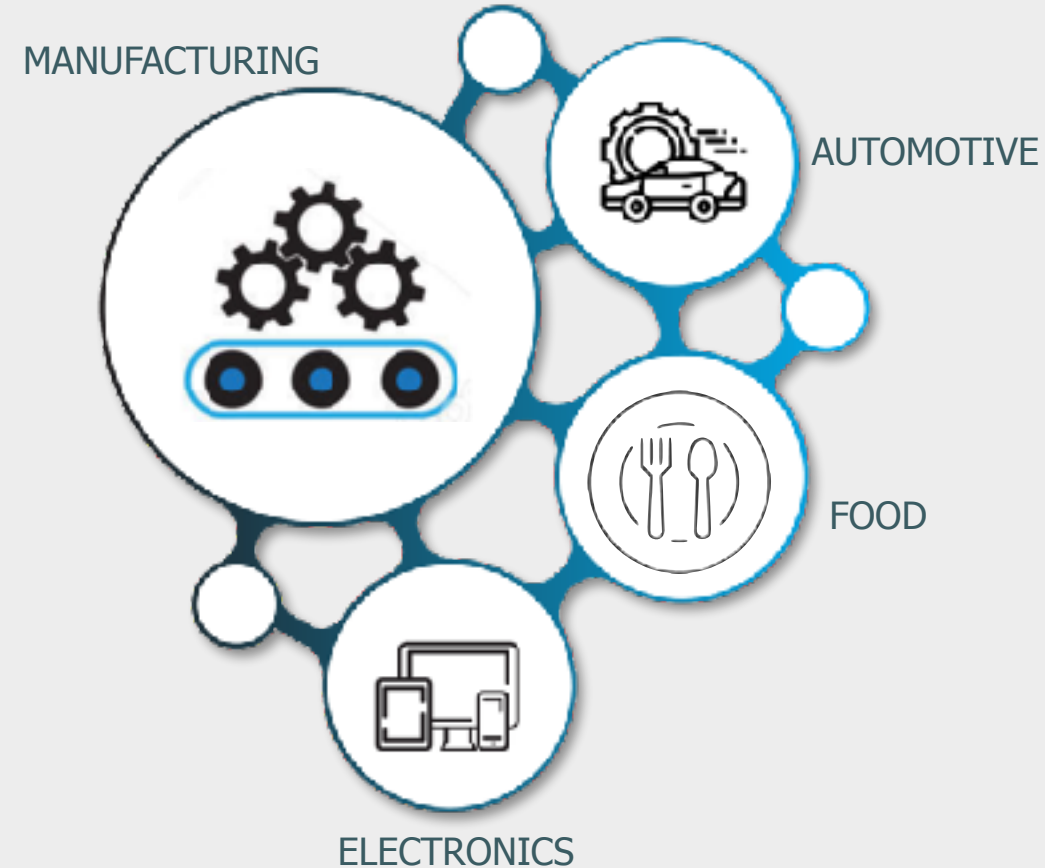
EU Manufacturing Industry*
2 – 3 Billion €
(app. 250,000 companies)

150 Million € | Companies with available data in the
manufacturing industry in Europe (about
50,000)

*Ref: U.S. Census Bureau, Statistics of U.S. Businesses

*Ref: ILO; Euromonitor international; Economist; BCG report





- Costifier is also applicable to other sectors such as automotive, electronics and food.





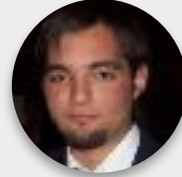
Ersan TURAN

CEO / Business Dev.



- 2009 Aerospace Eng.
- 2009 Mechanical Eng. (Minor)

10+ Experience



Dr. Ömer Anıl TÜRKKAN

CTO / Software Dev.



- 2009 Aerospace Eng..
- 2010 Computer Eng. (D. Major)

Phd and 10+ Experience



Prof. Dr. İnci BATMAZ

Advisor



- 1984 Statistics
- 1986 Computer Eng
- 1994 Statistics

Phd and 25+ Experience



Eray Birinci

Software Development

10+ Experience

Abbas Can Güven

Software Development

Full Time

Sait Soyalp

Marketing & Sales

Full Time

Oğuzhan Deniz

Marketing & Sales

Full Time



Fast and accurate cost estimation for the product to be manufactured during design phase

- ML based digital modeling for accurate predictions
- Up to %15 cost reduction with optimization algorithms





Costifier

SMART, FAST AND EASY

Thank you

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