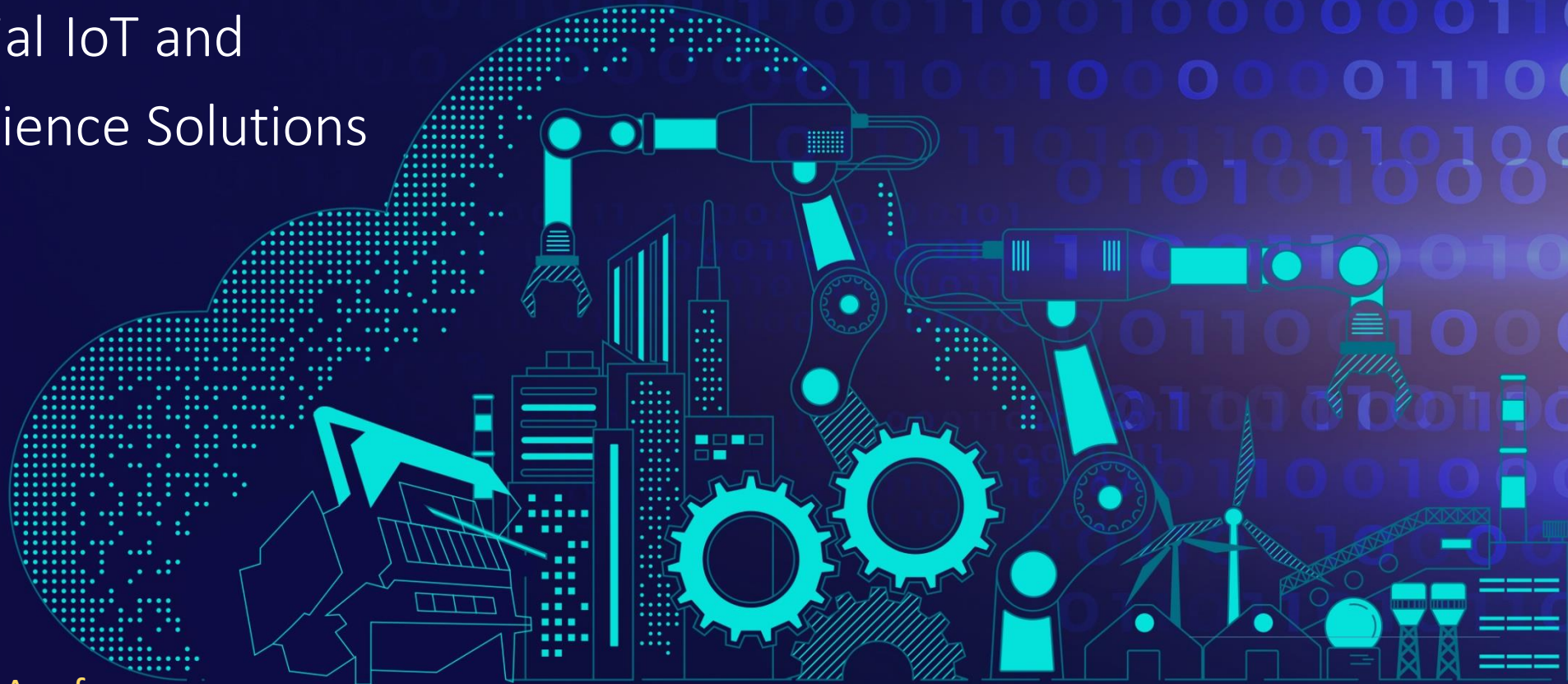


# Revolvind

Industrial IoT and  
Data Science Solutions



As of

April 2020, the company has been recognized for its rapid success by Teknopark İstanbul's R&D Project Evaluation Commission and gra





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# ABOUT US

- Revolvind is an R&D centre for IoT and data science solutions. Founded as a start-up company in the Incubation Centre of Turkey's largest R&D campus, *Teknopark Istanbul*, Revolvind quickly grew, expanded its team, and completed four innovative projects in less than two years.
- As of April 2020, the company has been recognized for its rapid success by Teknopark Istanbul's R&D Project Evaluation Commission and graduated from the Incubation Centre.



## Competitors

	Data Driven Modelling	Predictive Maintenance	Containerisation	Feedback Mechanism	Process Based Solutions	M2M Automation	Customised Datasets	Customised SCADA/HMI/OPC/DCS
 IBA GROUP	✓	✓	✓	✓	✓			
 falconry	✓	✓	✓	✓		✓		
 crosser	✓	✓	✓	✓			✓	
 revolvind	✓	✓	✓	✓	✓	✓	✓	✓

revolvind 

innovation  
center of  
Turkey

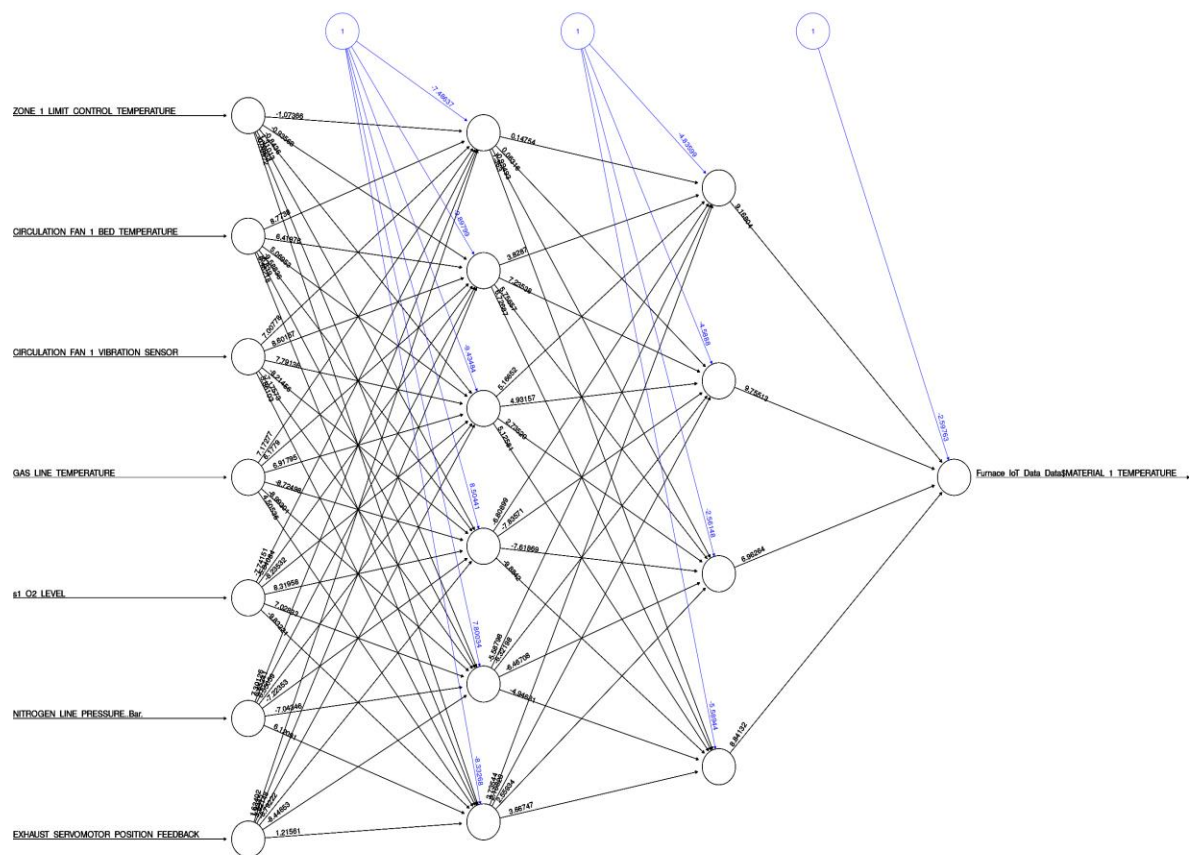
 teknopark  
istanbul

revolvind 





# Problem/Solution



- Manufacturing industry collects the greatest amount of data, yet only 5% of manufacturing companies around the world use IoT solutions.
- As a example, we enables predicitions and optimization with Neural Network algorithm of Material Temperature with an hybrid of the system with Support Vector Machine Algorithm.
- The solution is with a low error and the percentage optimal efficiency is high especially for **process manufacturing**.



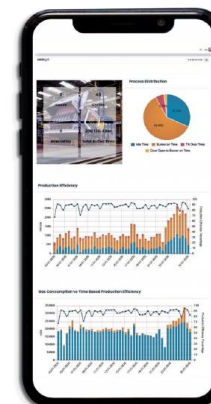
## Product: **RevoEcosystem**

- RevoEcosystem takes IIoT one step beyond with customized turn-key solutions specifically targeting process manufacturing:

- SCADA/OPC/DCS/HMI Solutions
- M2M Automation
- Data driven modelling
- Customised data use & dataset establishment
- Machine Learning-enabled Smart Sensor Systems



Automatic reporting loop that works with 50+ process values



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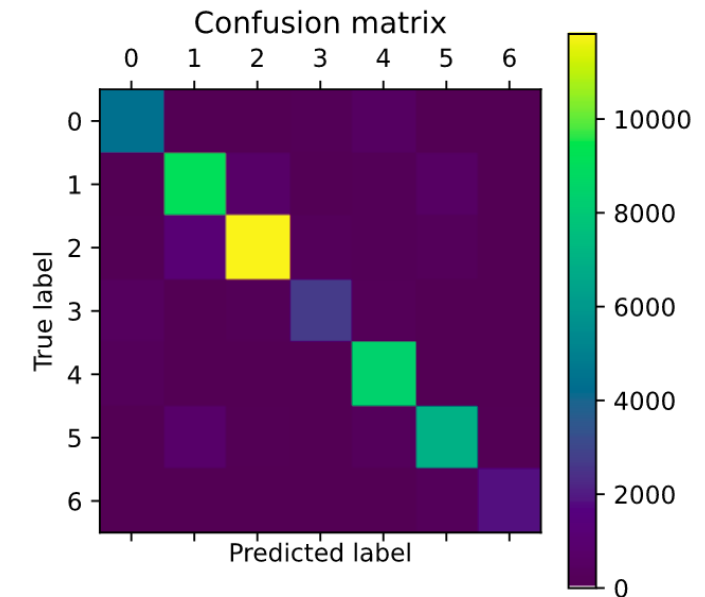


# Product: **RevoEcosystem**(Advantages from Industrial 4.0 & IIoT)

- Process Optimization
- Feedback Mechanisms
- Energy Savings up to 25%
- Prevention of Shutdowns due to Machinery Fault
- Increased Material Efficiency with Machine Learning
- Our AI-based process manufacturing :
  - Customer Controlled Operation Management
  - Real Time Data Visualisation
  - Predictive Maintenance
  - Cloud/Onsite Infrastructure Implementation

Annealing Process Temperature  
Range for Furnace  
conditions Prediction with SVM

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```





# Contact Us

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İstanbul 1C 1408 Pendik / İstanbul – TURKEY

## Potential Industries for Partnership:

- Automotive & Transportation
- Aerospace & Defense
- Metal Processing
- Food & Beverage
- Chemicals & Textiles



<https://revolvind.com/>



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