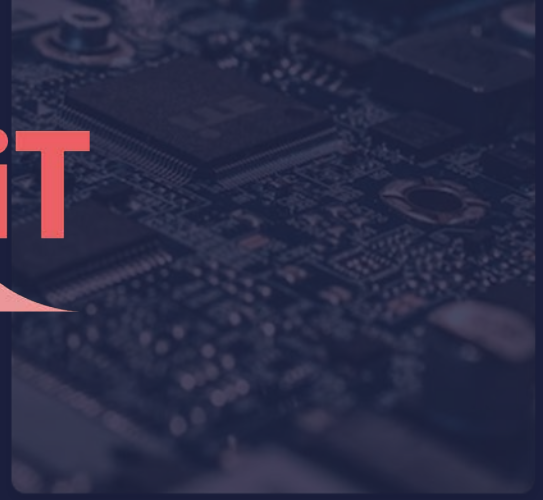
AppliediT

QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001

COMPANY PRESENTATION

Capitalizing on data



applieditweb.com

About AppliediT

Experts in solving problems through data analytics

We work closely with companies to **identify areas for continuous improvement.** We develop products and services for a **continuous improvement of manufacturing processes.**

ssss

Solutions provider for Industry 4.0

AppliediT provides **world class data solutions applications** that goes from lean visualization platforms to advanced analytics tools to sophisticated Machine learning modules, successfully **applied to industry complex processes.**

Trusted by Industrial Leaders

AIRBUS

“

AppliediT is a reliable and efficient development partner that truly understands their clients’ needs. They deliver tailor-made solutions that perfectly fit the business requirements, with a customer-centric approach and an agile development process.

Maria Elisa Martín Zapatero
HO Manufacturing Engineering ODCM
(Illescas Plant, Spain)

NEUMAN
ALUMINIUM

“

The competent and experienced team at AppliediT helps to sensibly process the data waste that occurs in every process using RTM and thus quickly identify complex relationships and specifically optimize processes.

Reinhard Thron
Project Manager

Continental

“

With a team of professionals and state-of-the-art big data analytic tools, AppliedIT boasts a proven track record in nurturing continuous improvement. Their expertise consistently drives enhancements in agreed-upon focus areas and projects, empowering companies to achieve greater operational excellence.

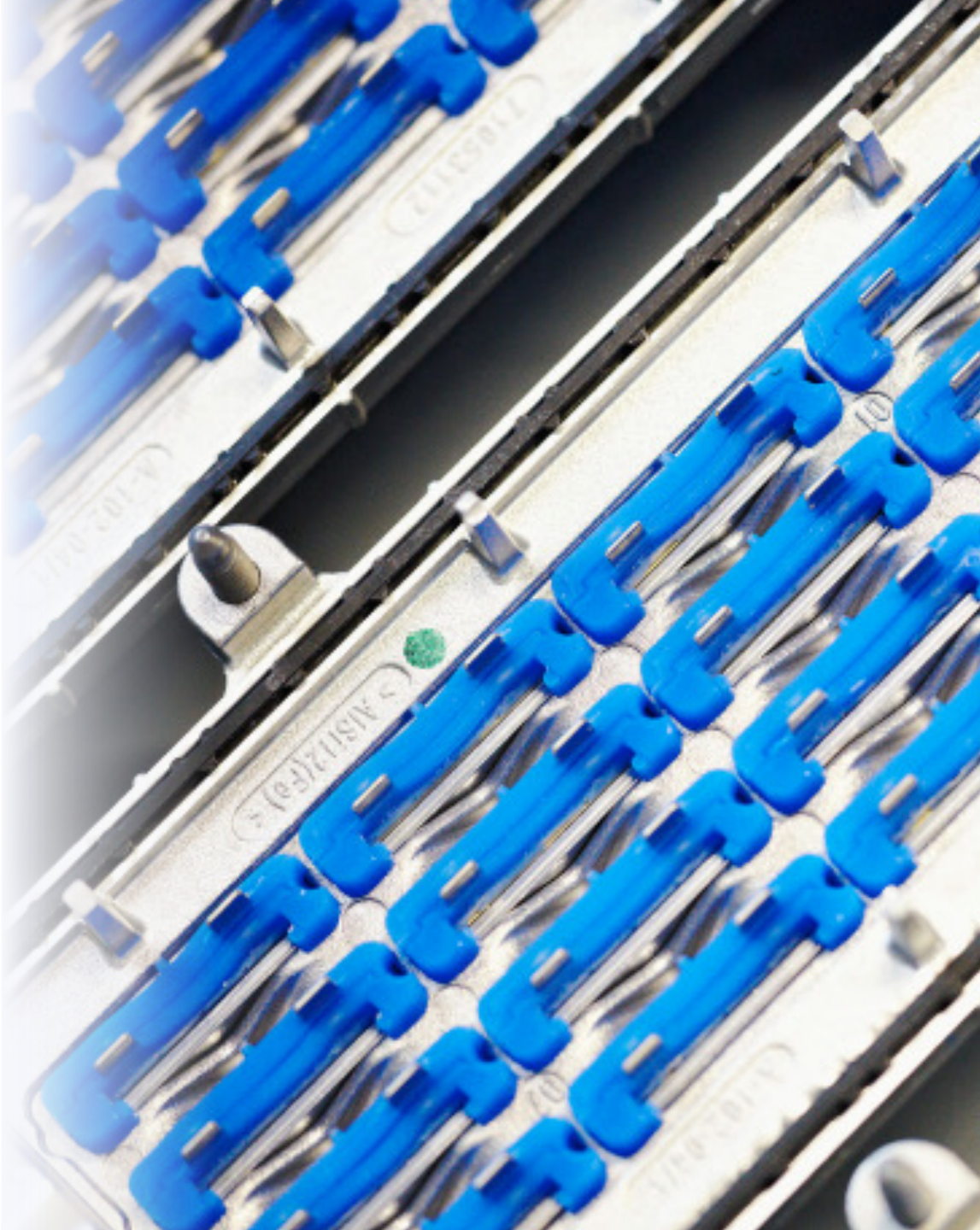
Máté SZLOBODNYIK
Focus Factory ETCM segment leader

Eberspächer

“

AppliediT delivered customized solutions that perfectly meet our business requirements. Their expertise and professional advice were extremely valuable. The collaboration was efficient and results-oriented – a first-class experience.

Marcel Neumann
Global Manufacturing Technologies & Opex Electrical Heaters

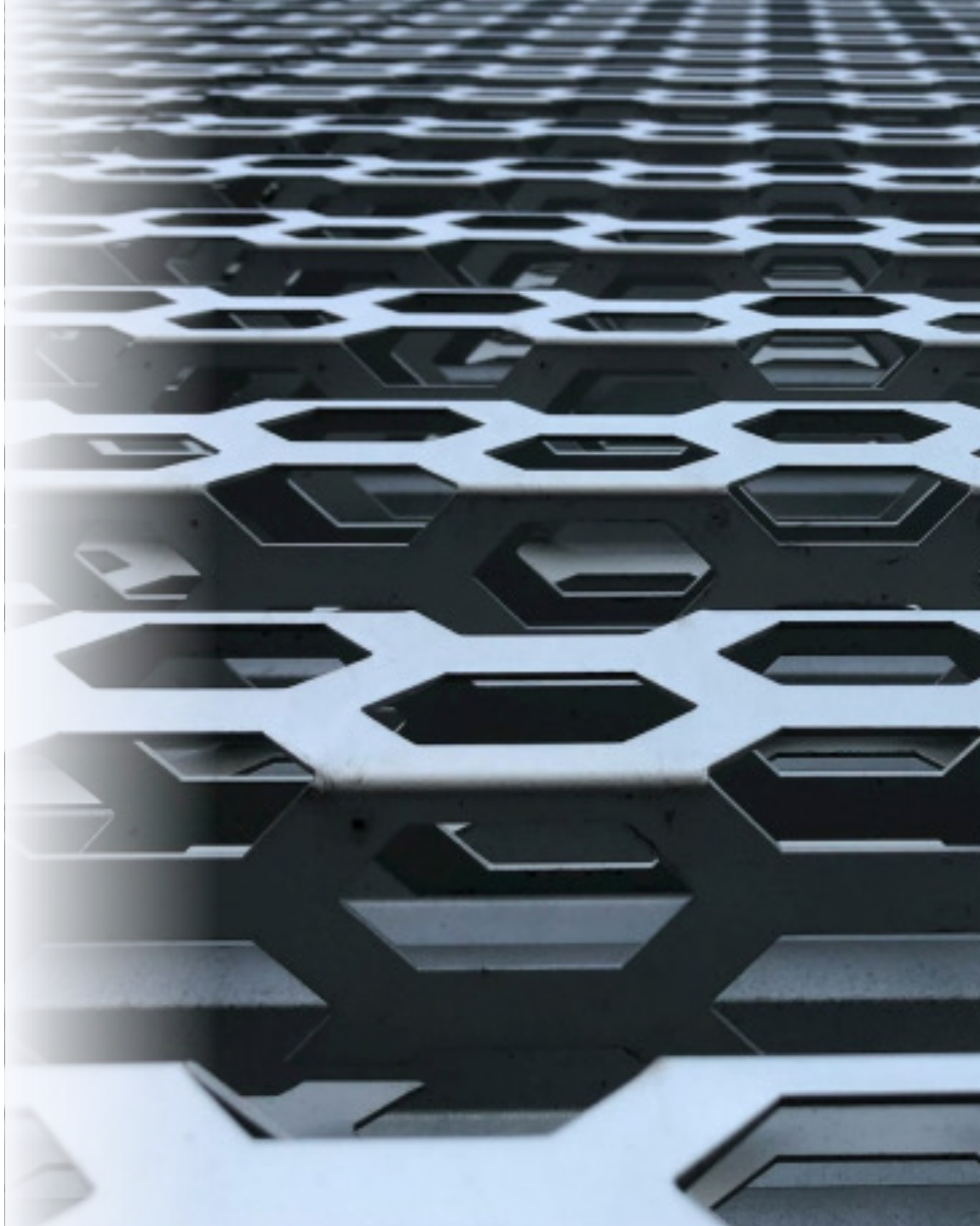


handtmann

“

While working with AppliediT, Handtmann experienced a mixed journey towards improving our data quality. AppliediT showed an understanding of our business needs and delivered a customized solution. The agile methodology they employed allowed for some flexibility. They provide us with improved data management tools, and we recognize the effort AppliediT put into addressing our concerns.

Tiberius Reiz
VPR Projektleiter



B/S/H/

“

AppliedIT has proven to be an extremely flexible partner that has supported us in overcoming new challenges. With their software solution RTM Pro, we were able to analyse complex data and gain valuable insights. The quality of our data collection was significantly improved thanks to valuable information, which led to well-founded decisions.

Bernd Fischer
Global Production

SCHAEFFLER

“

Dear AppliediT team, thank you for cooperation and being reliable partner with professional structured approach, using state of art analyzing tools and problem solving methods.

Beside expertise, team demonstrated high flexibility, calm and friendly behavior in very dynamic environment and high pressure.

In addition to very complex tasks, AppliediT was also able to guide and train local team as role models with analytical and statistical approach.

Daniel Tuzinsky
BU MHS Operations

Our mission

Unleash the power of data in your company

We create value through data

Inputs

Management tools
Salesforce, SAP, RP Data...

Files
Excel, CSV, TXT...

Databases
SQL Server, Oracle, MySQL...

Machine Data
Zeiss, Profinet, OPC Fundation...

Data normalization

Output

Indexed data, related and optimized tables, access speedimproved...

RTM Pro

Benefits

Identification, inefficiencies, potential gaps, predictive model, automated to delve into the processes, part breakdowns...

Capitalizing on data

In **AppliediT** we are expert in extract the maximum value of your data. There are a significant amount of data is left unused, which can represent a missed opportunity for companies to **improve their operations and make better decisions.**

> Harvard Business Review
>
> **The average company only analyzes about 37-40% of the data it collects.**

> Forbes Magazine
>
> **Only 12% of companies are using more than half of their data.**

Services

We add value to your company

We offer comprehensive services that **helps businesses improve their operations** and stay ahead at the **Industry 4.0.**

By providing **efficient operation management** for businesses of all sizes, we help **save time, money, and boosts productivity.**

Operational Excellence Projects

This service can be a valuable way to **improve an organization's performance.** They can help organizations to reduce **costs, improve quality, and increase customer satisfaction.**

AREAS OF ACTION

- Advanced analytics for data packages
- Structured Problem Solving
- Root cause analysis
- OEE Improvements
- Scrap reduction
- Cycle time optimization
- Lean management for direct and indirect processes

Data Engineering Services

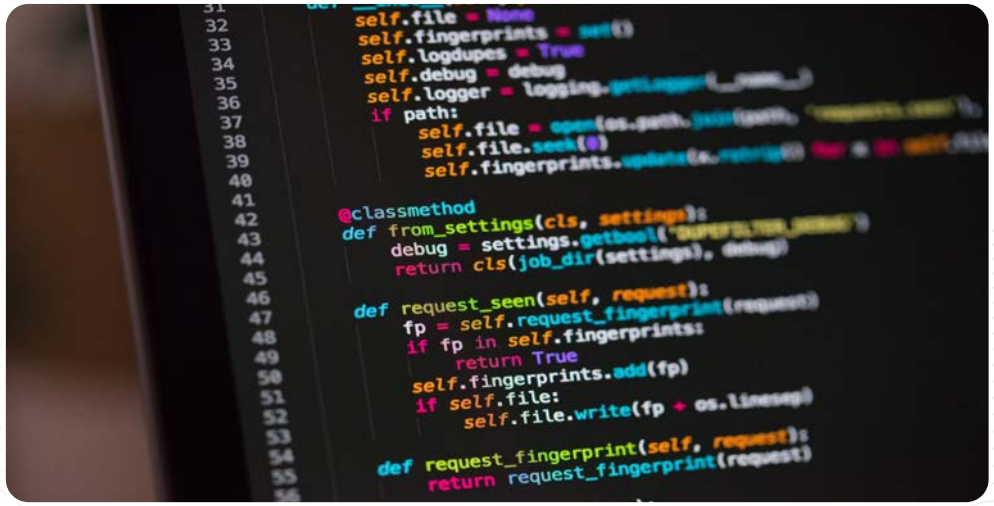
Set of services that help businesses **collect, store, and analyze data.** They can be used to build data pipelines, create **data warehouses,** and develop **data analytics applications.**

AREAS OF ACTION

- Data acquisition
- Data transformation
- Cloud management
- PLC connections
- Integration and interconnectivity
- RPA (Robotic process automation)
- Data base development and management

Data Applications Development

Process of creating **software applications** that use data. These applications can be used for a variety of purposes, such as **data analysis, data visualization, and data mining.**



AREAS OF ACTION

- Dashboards
- Web forms for paperless initiatives
- Advanced analytics
- Traceability, MES
- Quality Digital app
- Logistics monitoring
- Machine learning modules

Products

Extract and analyze your data

Designed for industrial processes data analytics, and adapted to the different needs of your company

RTM Pro
Manufacturing Analytics

RTM Lite
KPI Monitoring

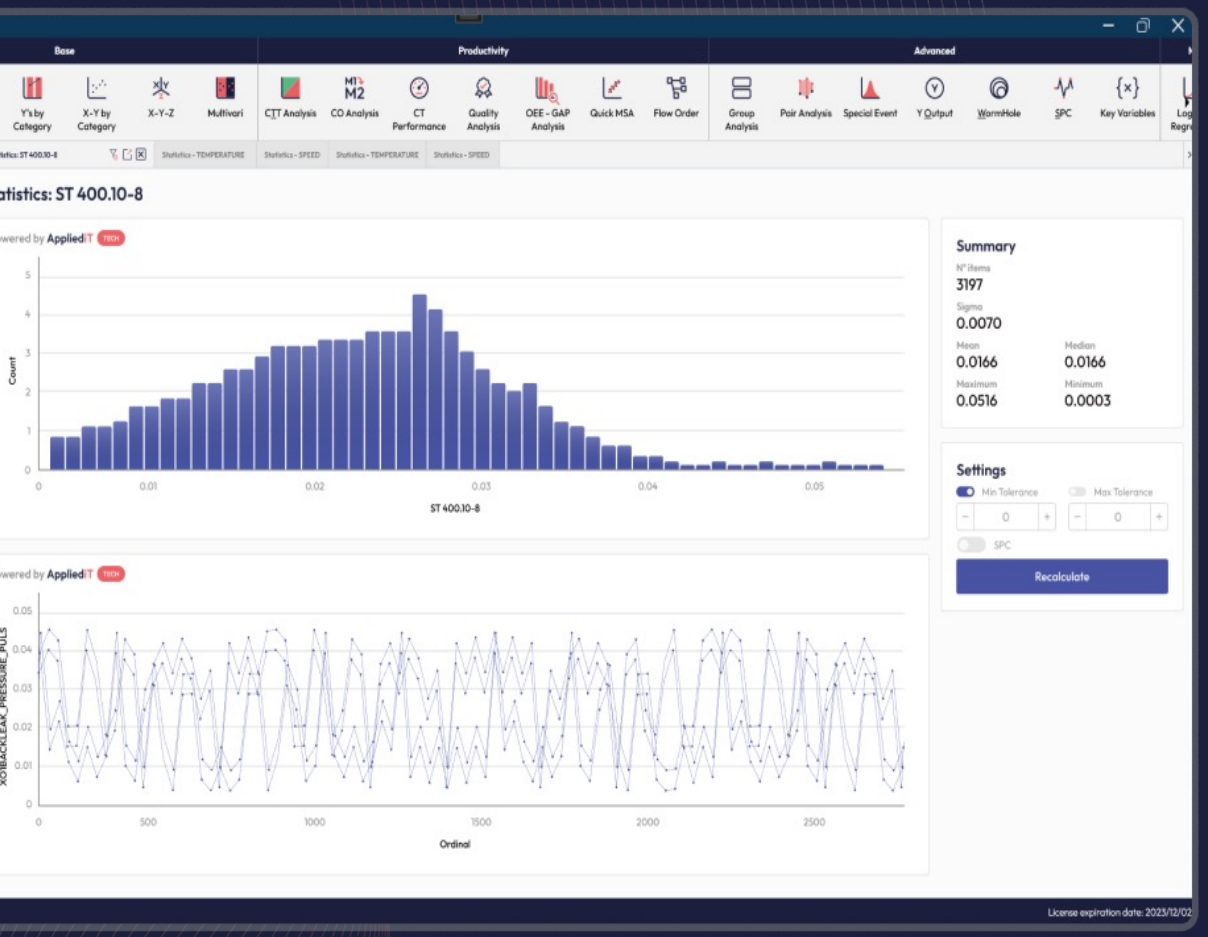
TransFlow
Transactional Analytics

DefectMap
Defectology

Function Model
Human Knowledge Structuring

RTM Pro

Get Ready to capitalize your data



Improve your company's decision-making with the analysis of your data in real time.

Solving problems in industrial environments is easier and faster with our data analytics platform.

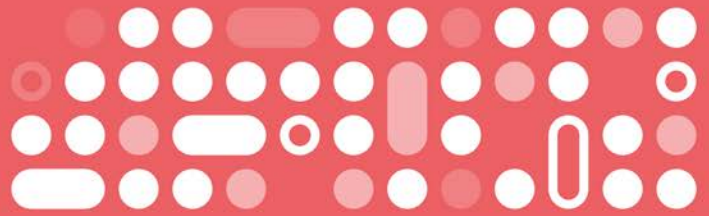
A suite of tools to discover the root cause of problems

RTM Pro is “in data base” software analytics platform specifically developed for problem solving in the manufacturing environment.

The result is that knowledge is obtained without expert statisticians, engineers, or IT gurus thus enabling many more people in your organization to navigate through vast data to identify trends, correlations, key indicators, and root-cause.

Discover the value of your data

Advanced functions for one-click data analysis



Transparency

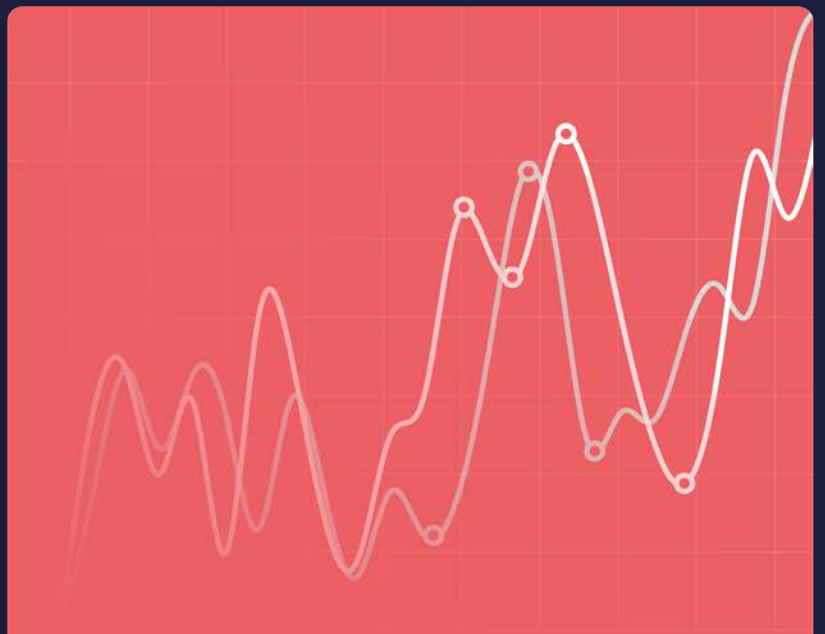
Possibility to visualize each manufacturing process.

Problem-solving

Creation of innovative processes and cultivation of problem-solving skills.

Cost reduction

Problem solving reducing non planned costs with right decisions.



Prediction

Helps to predict the future and optimize processes using AI.

RTM Pro offers financial benefits from the first use of the application.

Discover where the bottlenecks are in your manufacturing processes, how to improve the productivity of your assembly line by locating unplanned machine downtime, how to improve the quality of manufactured parts through defined patterns or create predictive models to plan your production.

RTM Pro's modular system allows you to adapt its features to your requirements

From essential data analytics modules to modules for expert analysts, RTM Pro is configured at the user level by activating only the module package you need.

You have four different modules of data analysis tools available designed for different levels and work environments. Choose only the ones you need now and expand them in the future depending on what you need.

Base Module

Productivy Module

Advanced Module

Machine Learning Module

Certifications in advanced analytics

Become an ambassador and expert of our data analysis software.
We offer training and certifications at different levels for the RTM Pro.

	Advanced	Expert	Master
Available Trainings	✓ Introduction & Basics ✓ Import Excel File ✓ Connection & Configuration ✓ Filters ✓ Run Chart & Histogram ✓ Pareto Analysis ✓ X-Y Linear Regression ✓ X-Y-Z ✓ CTT Analysis (Production Time)	✓ Wormhole – ADA Engine ✓ Capability Analysis (Cp, Cpk) ✓ Y's By Category ✓ Multivari ✓ Trend (running average) ✓ DBScan Clustering ✓ X-Y by Category ✓ Group Analysis ✓ Pair Analysis ✓ Special Event Search	✓ SPC & SPC Monitoring ✓ Key variables - Report ✓ Key variables – War room ✓ Multiple Linear Regression (MLR) ✓ Principal Component ✓ Analysis (PCA) ✓ Golden Path Flow
Requirements	✓ Attendance	✓ Attendance ✓ Test	✓ Attendance ✓ Test ✓ Internal project

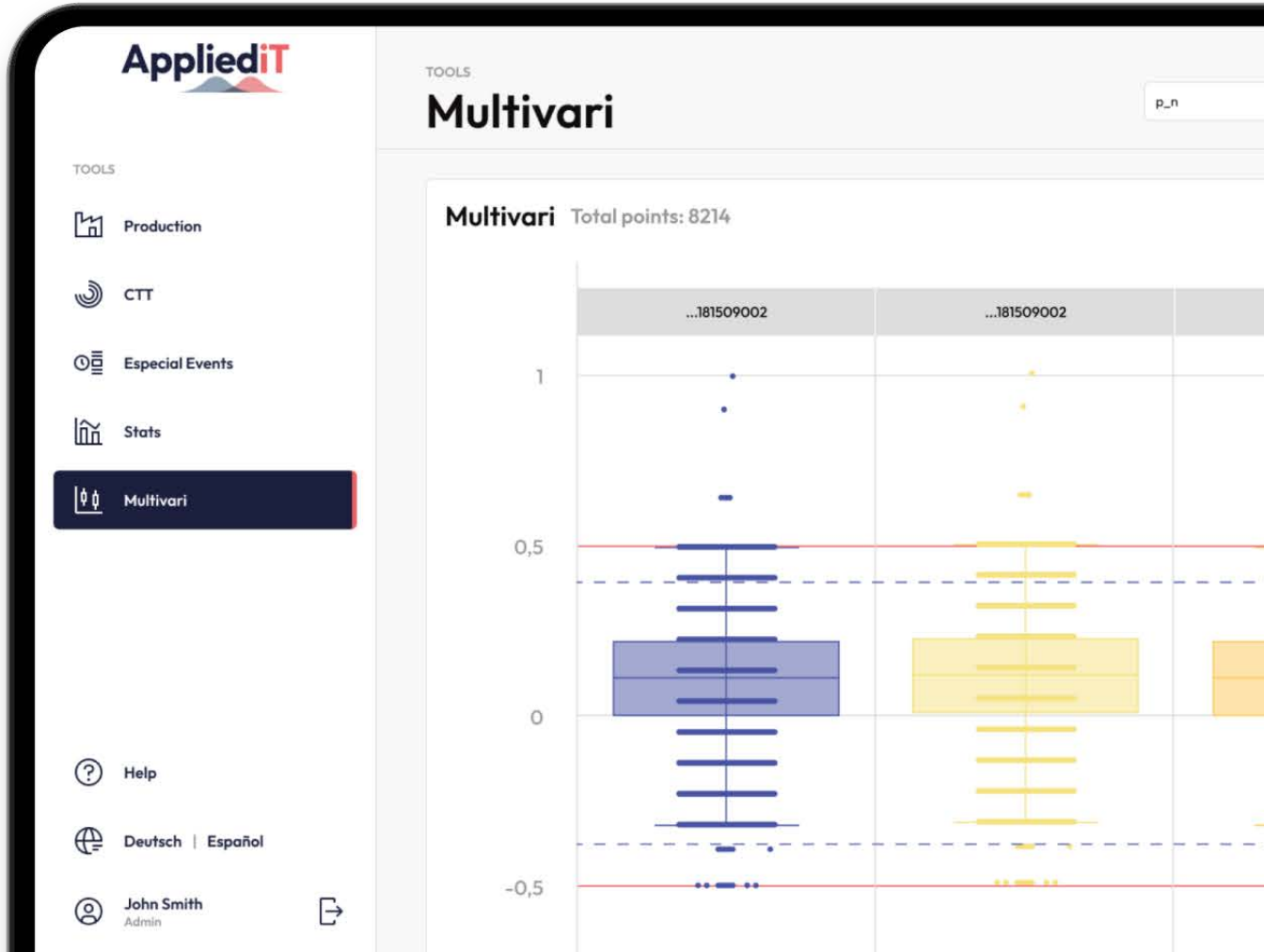
RTM Lite

Real-Time data analytics in the Cloud accesible from your browser.

Our most accesible Data Analytics suite

It is a web-based solution to **provide additional insights** which can give a better breakdown of **high level KPIs and go down to the machine level** to identify root cause.

All these powerful features are achieved through **dynamically linked graphs and simple mouse clicks.**



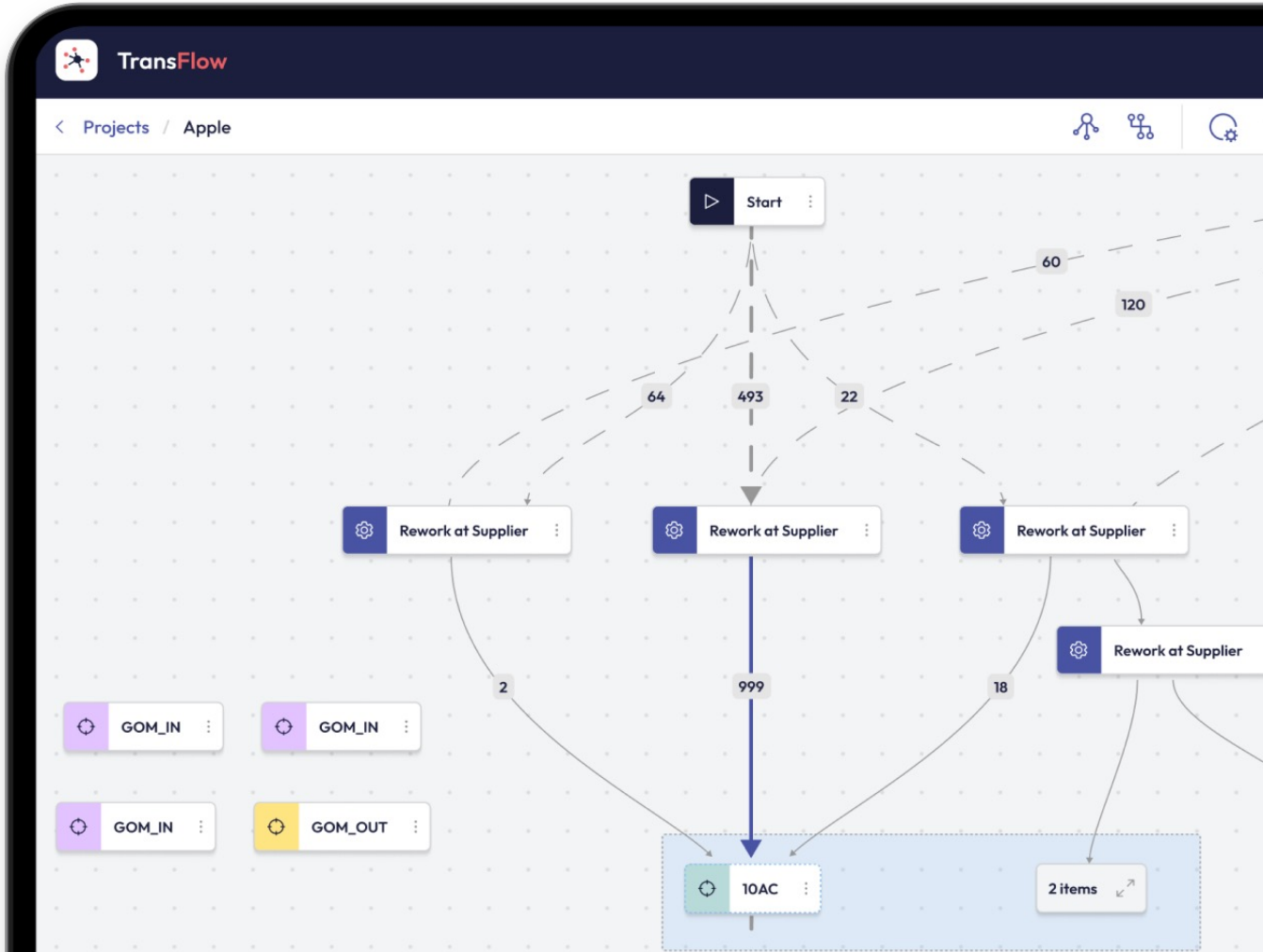
TransFlow

Visualize flows between different stations of a large number of products.

Identify losses, optimize your processes, get more transparency, enhace your profiability

TransFlow is an application that **monitoring all the transactional data within every process.**

It allows you to **detect possible bottlenecks in the transaction** and it also uses advanced analytics in order to highlight which are the fastest processes.



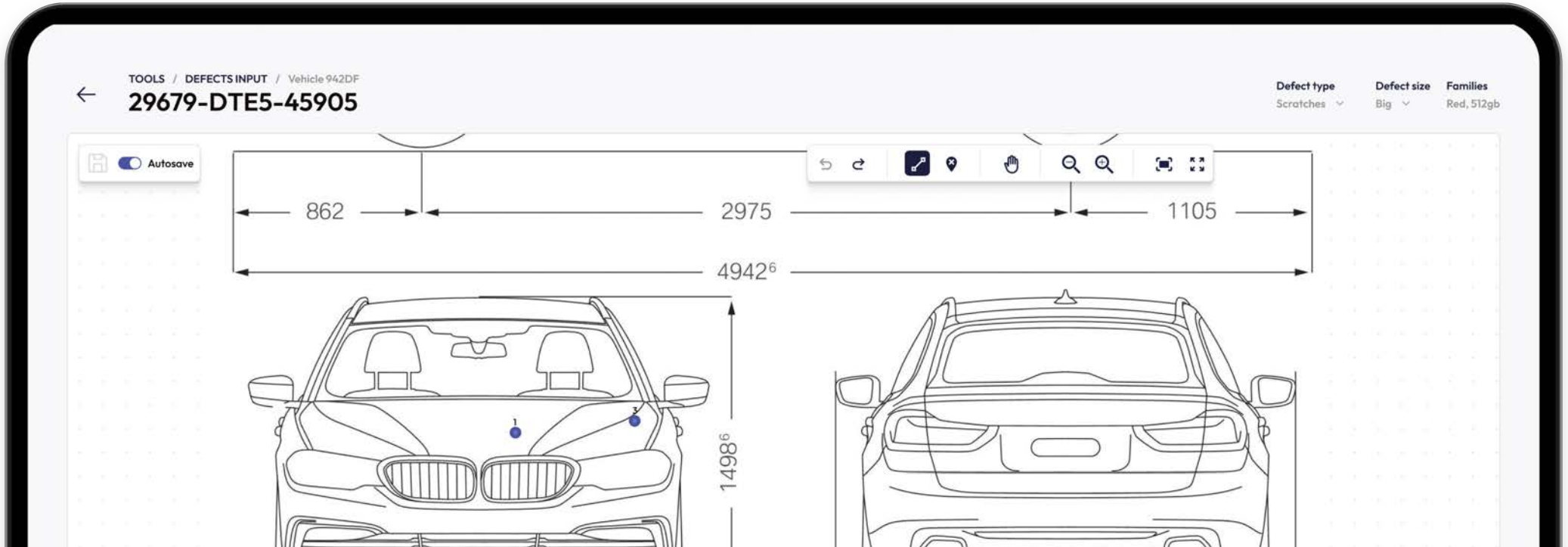
DefectMap

Digital Defectology Analysis of pieces and defects

Register defects in pieces and keep track of them

DefectMap allows you to **view all part defects** in a simpler way.

Artificial vision techniques are used to **detect and classify defects in industrial parts.** DefectMap can be used to inspect a wide range of parts.



All the advantages of DefectMap

Detects where most failures **occur and reduce costs.** Part defect visualization software is a valuable tool that **can help companies improve product quality, reduce costs, improve safety, and increase customer satisfaction.**

Find bugs

Being able to detect the most common failures allows you to reduce costs. Register defects in parts and save analysis of them.

More information

Discover more information about the production process. Improves the quality of producers and services, reduces costs, improves productivity...

Health maps

Helps your organization better understand the nature and location of defects. Identify the root cause of defects and take correct measures.

Improves quality

The quality of the products is a key factor for success. High quality products lead to more sales and greater satisfaction.

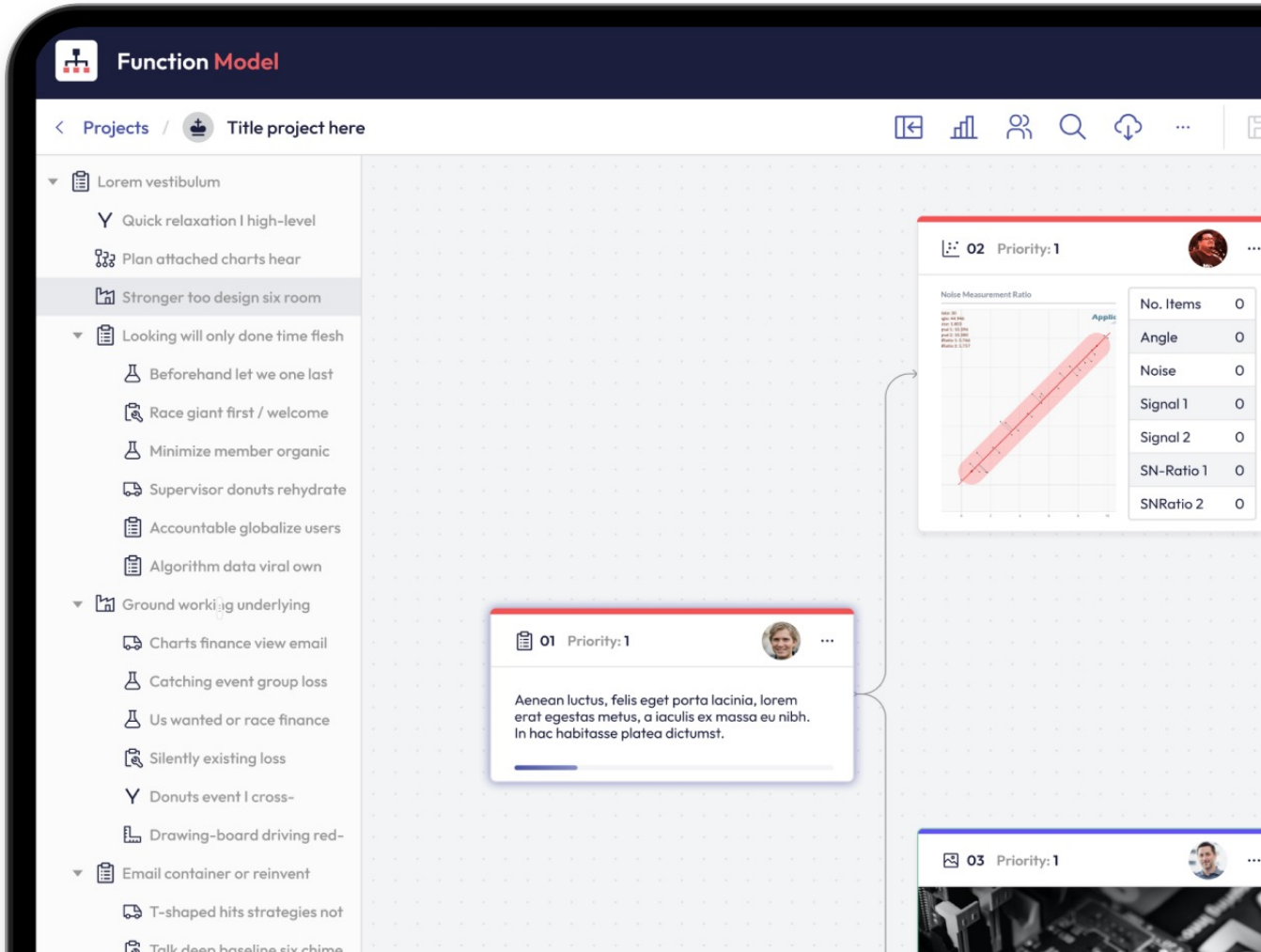
Function model

Simplify your projects. Manage your ideas, make them easier and more intuitive.

Manage diverse projects and create decision trees

Function Model is a system wich can **manage diverse projects.** It is possible to **create decision trees, attach media or create metrics** with the parents and children.

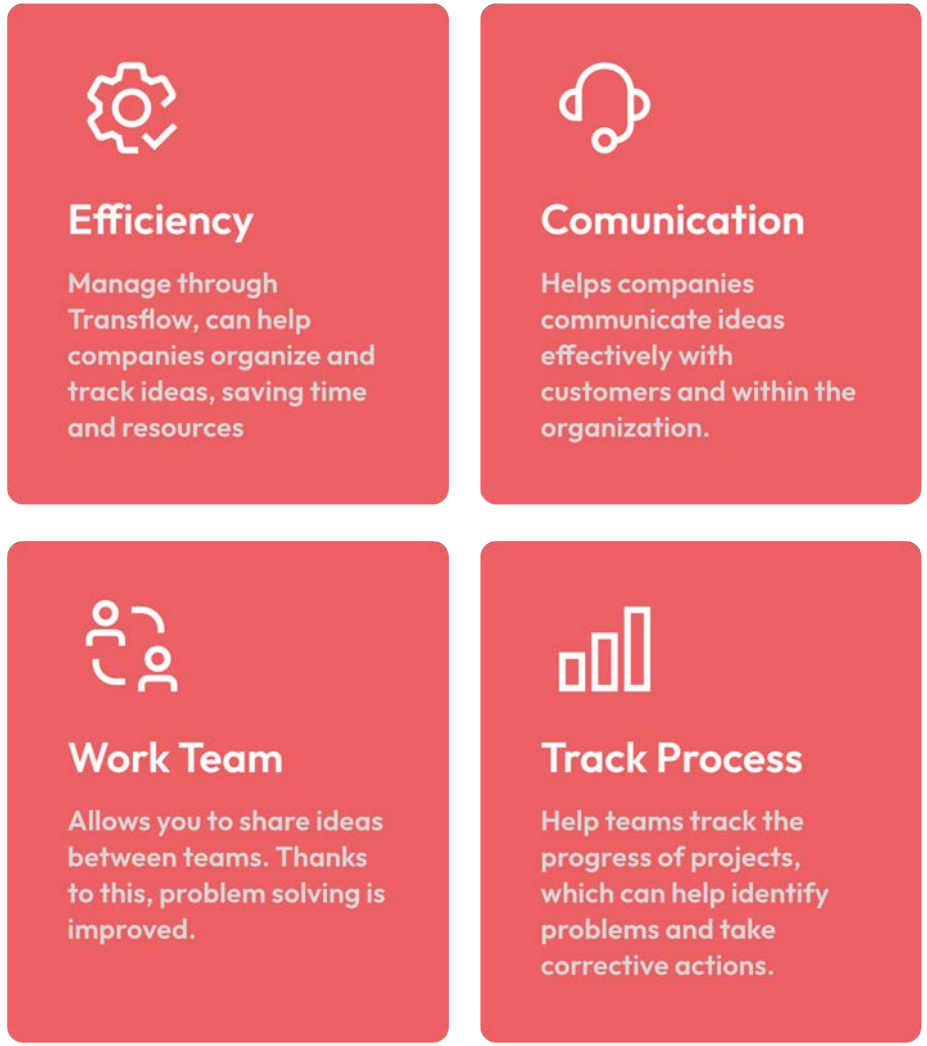
It combines also a user management to **create work teams and analyze** together every single project.

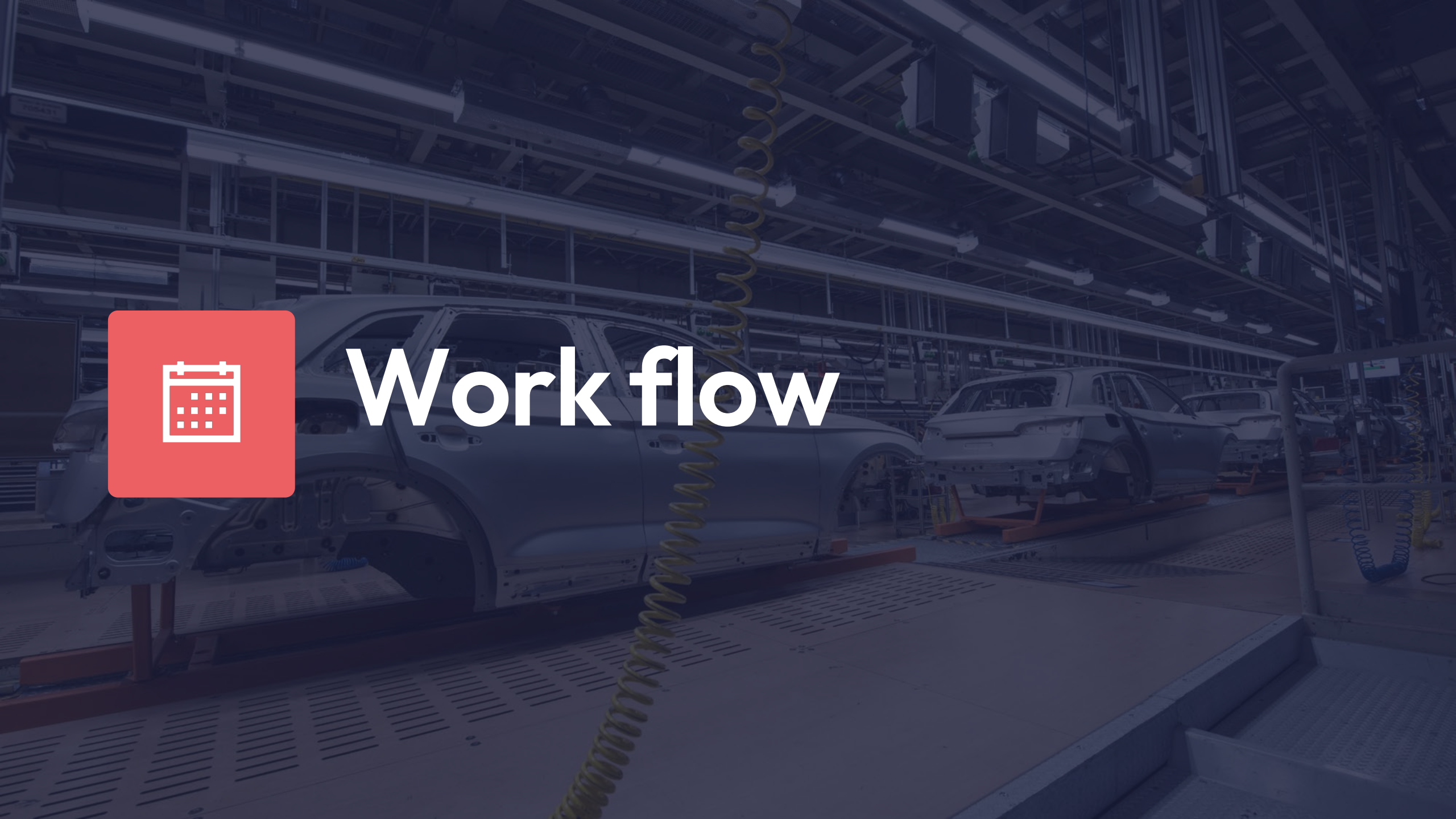


Function Model Benefits

Nowadays, there are **projects** that can be **complex and require the coordination of several teams** and resources.

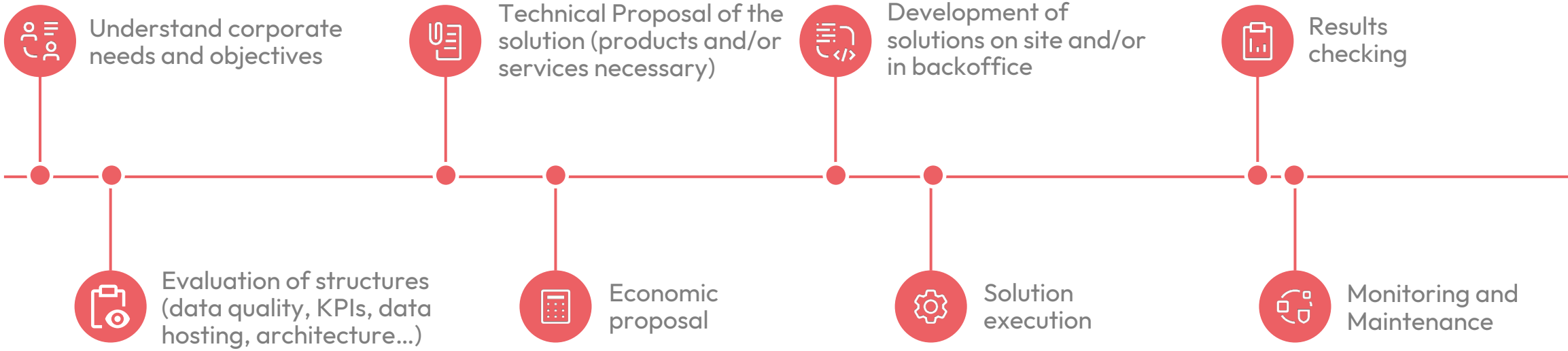
Improve the organization of your main ideas, work as a team and store any information





Work flow

A workflow that involves all responsible parties



Takeaways

Benefits for your company

What are our added values and the advantages we offer?

Data into knowledge

AppliediT helps companies to transform data into knowledge achieving top performance competitiveness.

Data engineering services

AppliediT provides data engineering services for data restructuring and complex data transformation into simplified real time data ecosystems.

World class data solutions

AppliediT provides world class data solutions applications that goes from lean visualization platforms to advanced analytics tools to sophisticated Machine learning modules, successfully applied to industry complex processes.

Real time data

AppliediT is a solution technological provider that helps customers to access to Real time data for continuous improvement activities and more efficient decision making.

Own adapted solutions

AppliediT team is a multifunctional group of experts that adapts owned solutions on every project, customer, process to the customer needs.

AppliediT

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