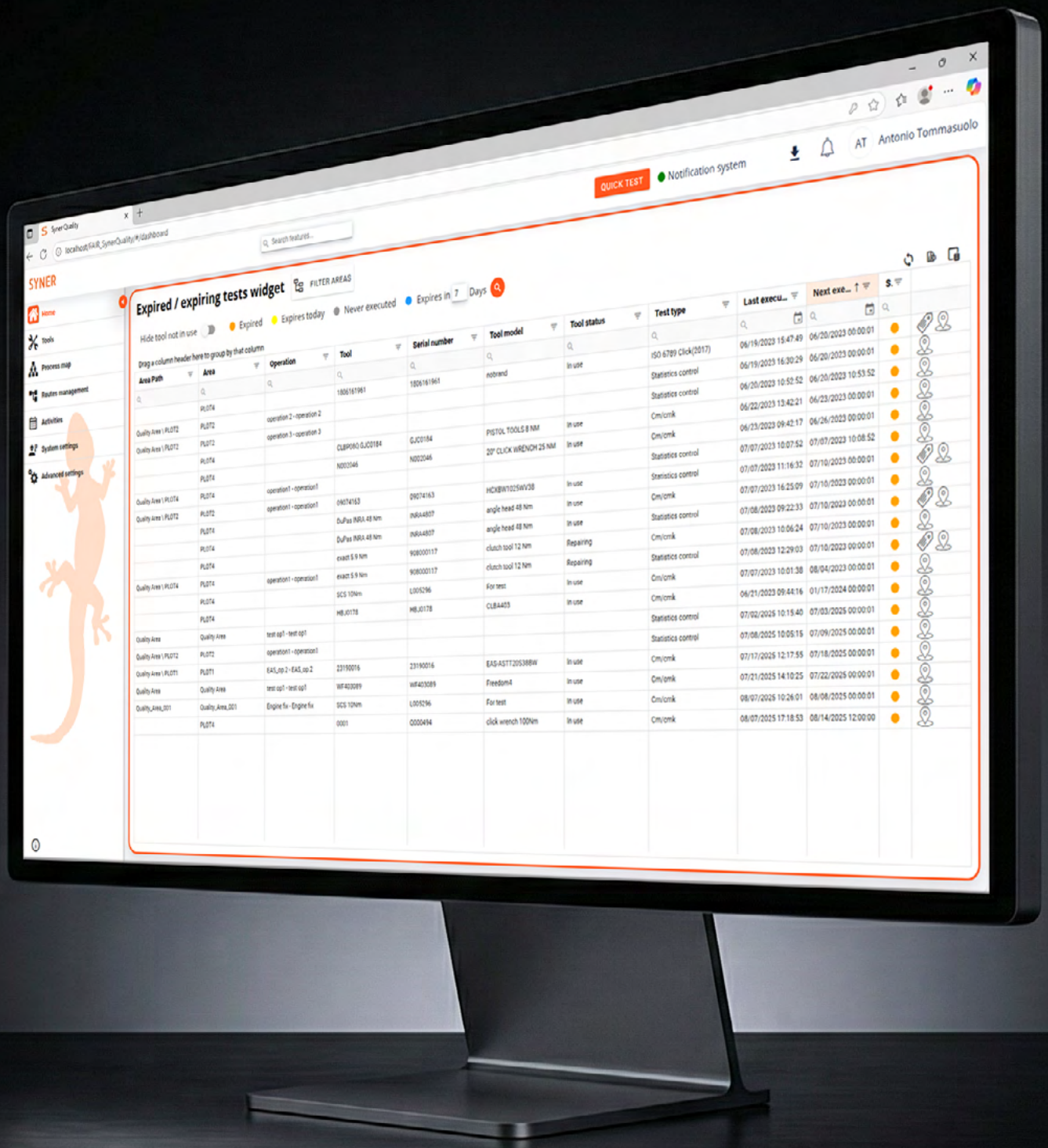
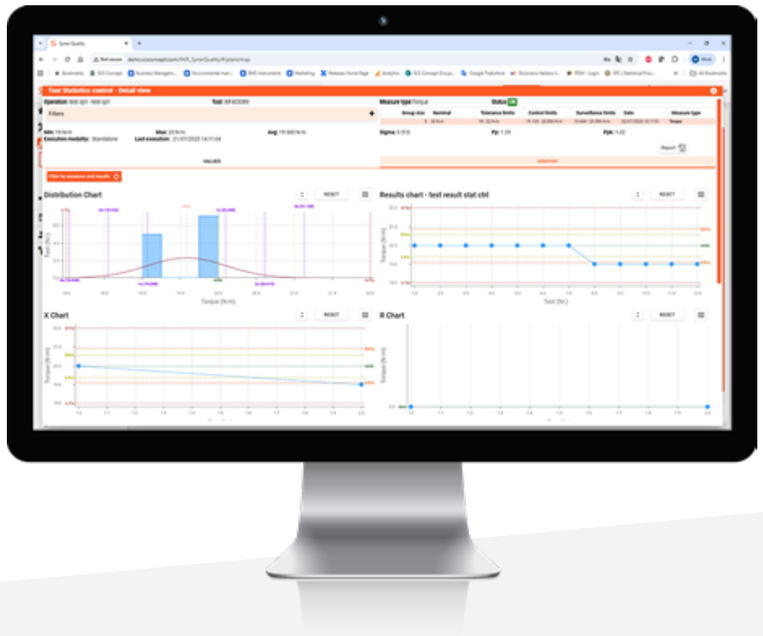


SYNER

Synergy between user and data

SYNER

Synergy between user and data



Overview

- Have secured and high-performance IT technology with SYNER
- Use only one master data for all departments
- Collect and analyze data from production & quality in real-time
- Improve product quality
- Reduce global costs
- Smart functions to reduce workload
- Accessibility on browsers for all types of devices
- Find your own Hot-Spots
- Alarm and trend signals
- Available in the cloud
- No hidden costs:
  - Full service package (includes maintenance and support)
  - Included modules in packages

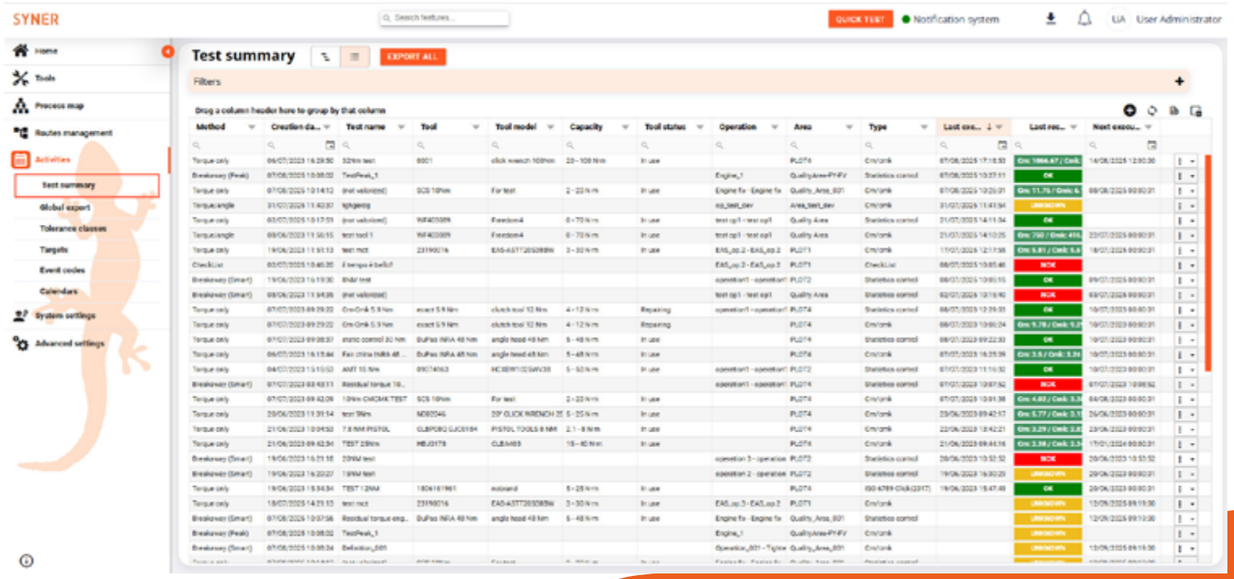
Collect

- Collect data from production line and quality devices
- Compatible with all assembly tools
- Use several protocols and interfaces to connect devices and tools
- Not limited only to tightening. Collect also the data like gluing, riveting, filling, etc.

One platform for all data **SYNER Global**

Analyze

- ✓ One platform for all data from production and quality
- ✓ Reduce the quantity of different software
- ✓ One database with same master data to improve productivity and quality management
- ✓ Compare results from the tool tests with results from process
- ✓ Easy data exchanging between departments
- ✓ Detect the issue causes & make improvements
- ✓ Use smart functions to recognize & solve possible errors
- ✓ Track & trace all products/parts
- ✓ Global overview over production tools
- ✓ Avoid recalls of products
- ✓ Simple reports providing fast overview



Access your data **anywhere**



- Easy process & tool check
- AUDIT relevant documents on one platform
- Cover norms and standards

Quality

SYNER Q

Basic

- Up to 5 simultaneous users
- Central database
- SPC / route function
- Tool & measurement management
- Checklist
- Statistics (cm/cmk)
- ISO 5393 & 6789
- Label printing
- Full test support

Advanced

- Includes QUALITY Basic
- Up to 10 simultaneous users
- Report designer
- Full operations management
- AUDIT
- Widgets / KPI's

Premium

- Includes QUALITY Advanced
- Unlimited users
- VDI norms
- Customization available

Generate comprehensive **statistics** and prepare **AUDIT** preparation

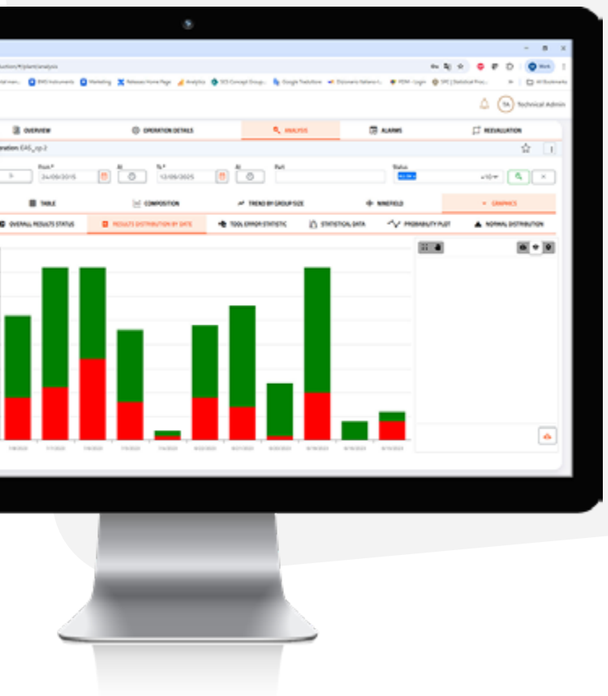
Syner Q - Basic

- ✓ View all tools, models, and manufacturers in a single screen.
- ✓ Quick and easy configuration of these elements, with fast filtering and editing.
- ✓ Check the status and history of tools.
- ✓ All information in one place, including certificates, to quickly support audits.
- ✓ A clear and simple overview of tool and process control activities.
- ✓ No navigation required, reducing the time needed for users.

Syner Q - Basic, Advanced

- ✓ Find out in a fast way, how your process is working.
- ✓ See issues immediately and bring improvements into your quality.
- ✓ Be prepared with standardized reports for AUDITs.
- ✓ Machine Capability Test (MCT) and Process Capability Test (PCT) can be done based on international norms and standards.





- 100% data documentation
- Fullfill product liabilty requirements
- Trend analysis & notifications

Collect & Analyze, **track & trace process data**, independent on manufacturer and process

Syner P - Basic

- ✓ Quickly access your data, providing a fast overview of results and a summary in a single view for each operation (e.g., tightening, riveting, gluing, drilling, etc.).
- ✓ Provides information on NOK (non-compliant) operations in production, identifies the causes of errors, and enables improvements through new tool settings, staff training, material changes, and more.

Syner P - Premium

- ✓ Obtaining measurement values such as torque, angle, and status can provide insights into what is happening within production.
- ✓ Having traceability, comparing data, and identifying anomalies is today essential to assess the actual quality of processes and products.
- ✓ In case of issues, SYNER P makes it easy to detect anomalies even on historical data and finished products.



Production

SYNER P

Basic

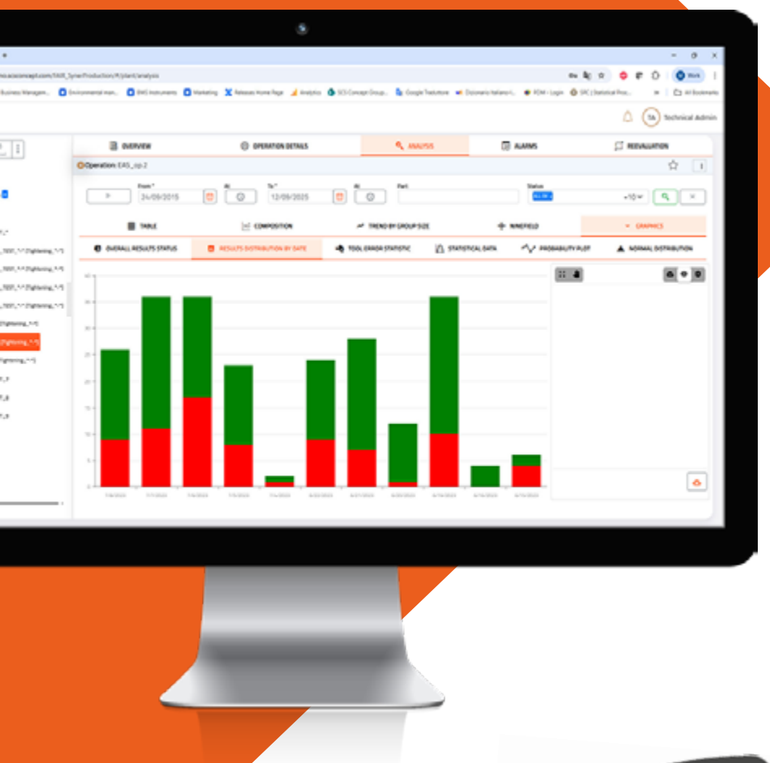
- Results overview
- Product / serial no. history
- Error KPI's
- Parameter changes
- Full details for operations
- Trace analysis

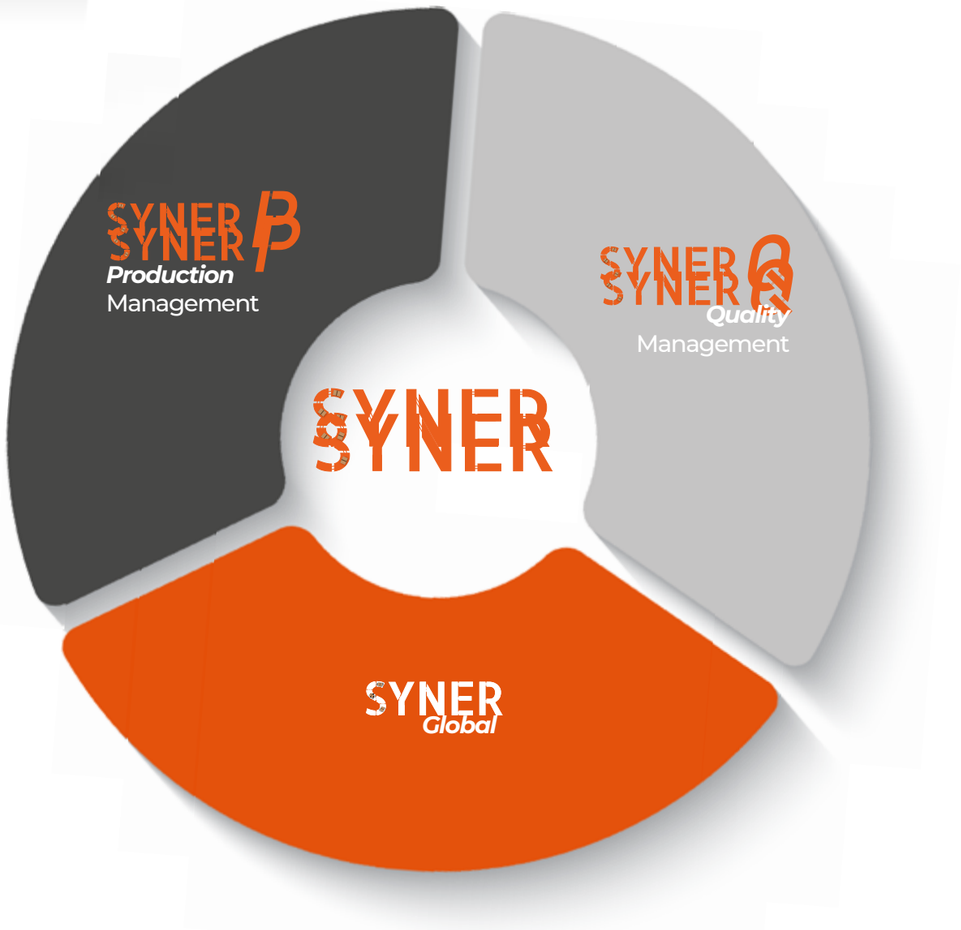
Advanced

- Includes PRODUCTION Basic
- Alarms based on conditions
- Dashboard & Widgets / KPI's
- Statistical graphs (e. g. normal distribution)
- Tool overview with maintenance warning

Premium

- Includes QUALITY Advenced
- Unlimited users
- VDI norms
- Customization available





SYNER Q Quality Management

- Manage your assembly tools with type, position on the line, homologation and documents
- Manage your measurement device
- Certificates, documents, checking frequency
- Define all your operation with type of control (Tools control, joint control or manual check)
- Frequency of check
- Get all necessary reports for internal & external AUDITS
- Manage your tool and process check tasks fast and easy
- Define your quality control route (SPC)
- Create your owns test definition to follow ISO and VDI norms

SYNER Global

- Generate your reports automatically
- Statistical analysis
- Cross data between production and quality, get best, combined overview
- Alarm management for all issues regarding production and quality
- Web-application
- Multiple device support
- Fully scalable
- Adjust your reports regarding design and content
- One master data management for all views (no need for administration of same data in several databases)

SYNER P Production Management

- Collect all the results & traces from your assembly line
- Link the result with the ID number of your product
- Complete lifetime report for your products (e.g., vehicle, engine, gearbox, etc.)
- Multi-protocol compatibility to connect all your tools and processes and store in one database, no dependency to manufactures and processes
- Monitor your production line and react immediately
- Including smart functions to reduce workload

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SYNER - Ed. 6 - EN