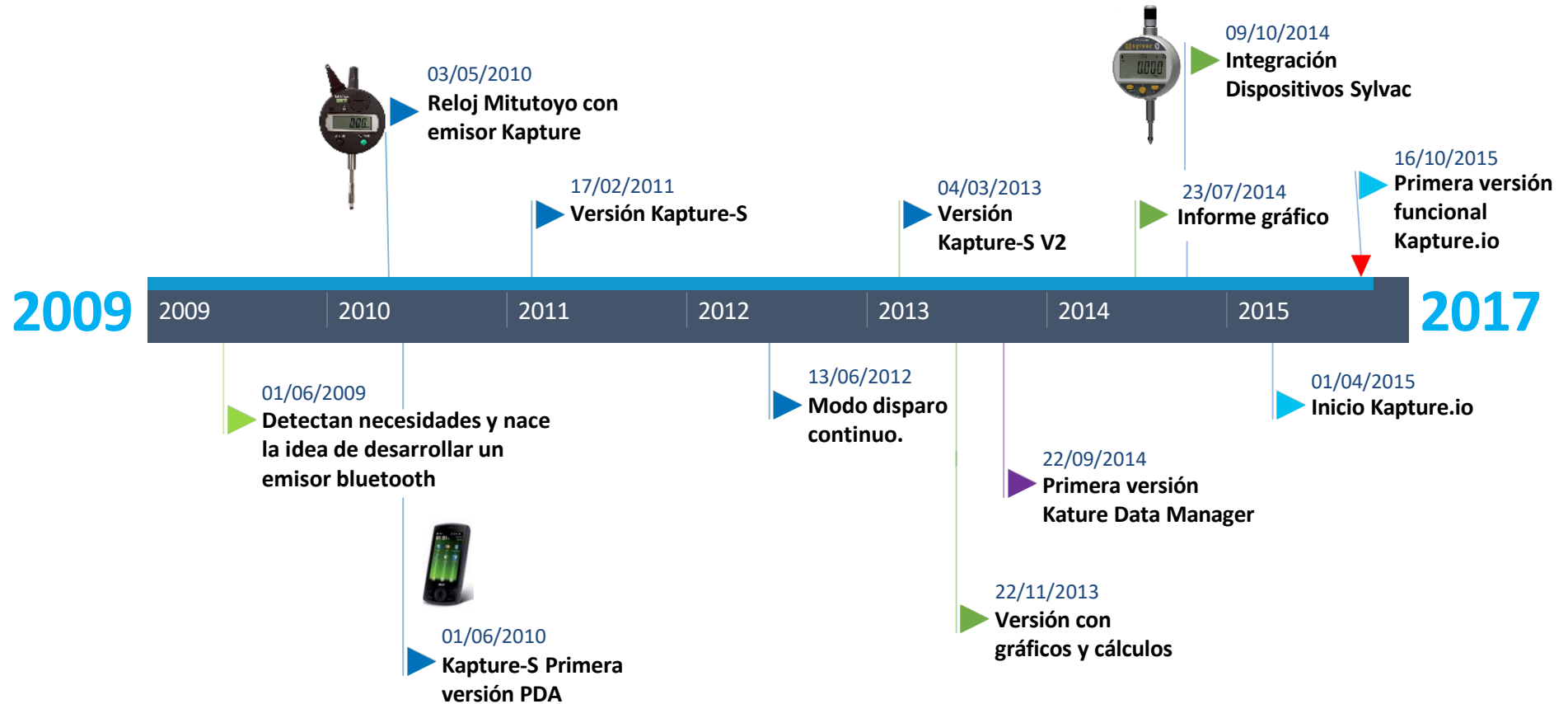


Digitalizar la **calidad**
sin añadir complejidad

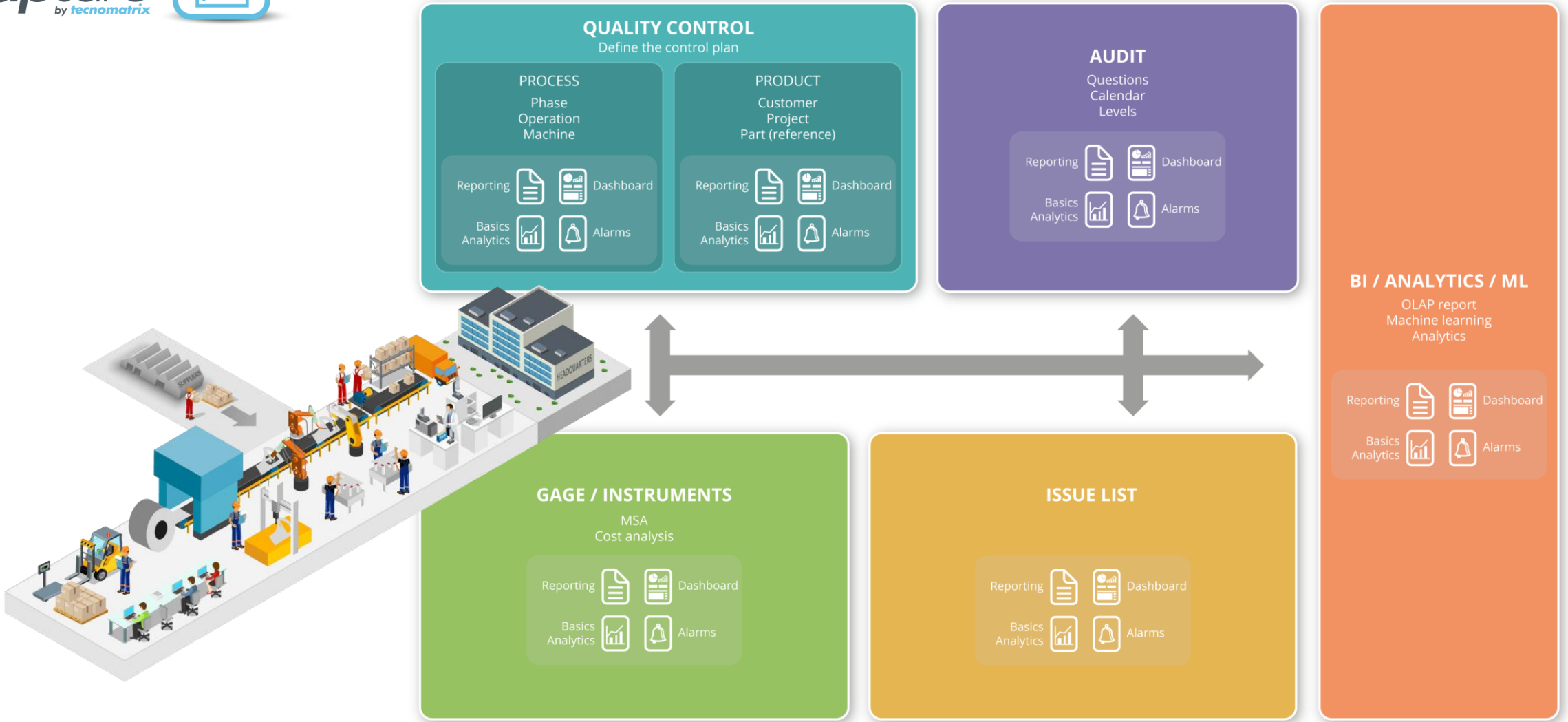


Cronología Kapture





Kapture.io allows the integral management of tools and data required for Quality Control in production.



QUALITY CONTROL

Define the control plan

PROCESS

Phase
Operation
Machine

Reporting   Dashboard

Basics  Analytics  Alarms

PRODUCT

Customer
Project
Part (reference)

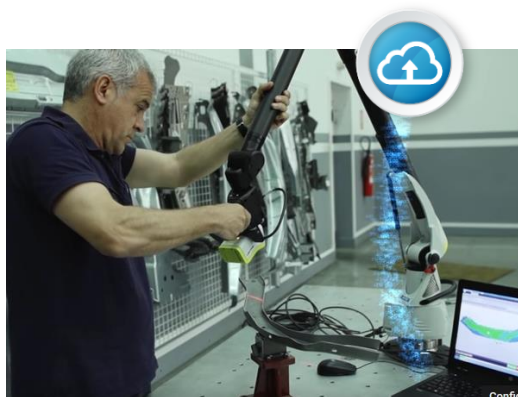
Reporting   Dashboard

Basics  Analytics  Alarms



Fuentes de datos:

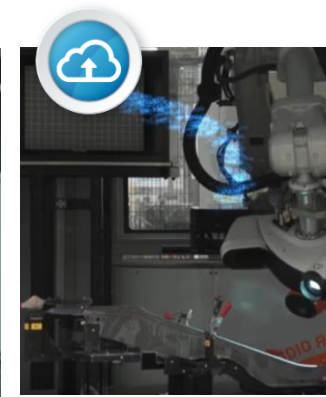
- Máquinas tridimensionales
- Sistemas ópticos
- Muros de calidad
- Control final de línea
- Entrada de materiales
- Incoming inspection
- Sistemas de visión
- PLC



AUTOMATIC UPLOADER



AUTOMATIC UPLOADER



AUTOMATIC UPLOADER

QUALITY CONTROL

Define the control plan

PROCESS

Phase
Operation
Machine

Reporting   Dashboard

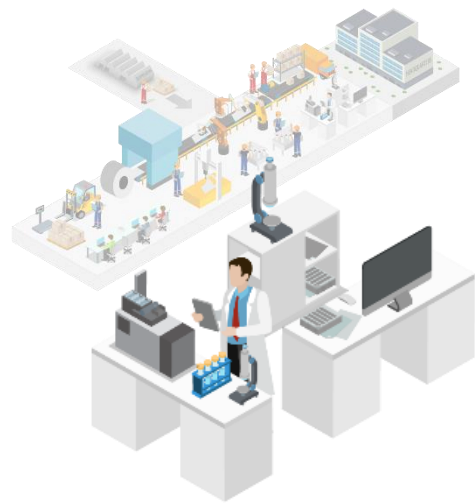
Basics   Alarms

PRODUCT

Customer
Project
Part (reference)

Reporting   Dashboard

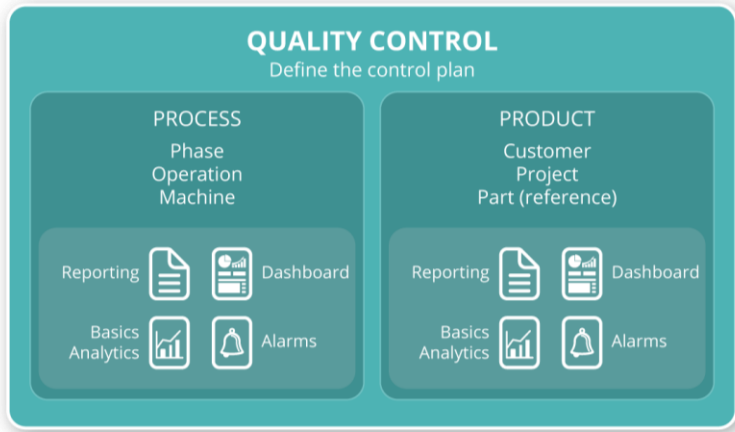
Basics   Alarms



Fuentes de datos:

- Útiles de control
- Laboratorio





Informes:

- Capacidad
- Tendencia
- Informes de pieza unitaria
- Muros de calidad
- Informes cruzados de diferentes fuentes
- Filtros mediante fechas, atributos, lote, etc.
- Visualización de ficheros 3D integrado



QUALITY CONTROL

Define the control plan

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Reporting Dashboard

Basics Alarms

Reporting Dashboard

Basics Alarms



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- Muros de calidad
- Informes cruzados de diferentes
- Filtros mediante fechas, atributos
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QUALITY CONTROL



Define the control plan



PROCESS



Phase
Operation
Machine



PRODUCT

Customer
Project
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Reporting   Dashboard

Basics  Alarms 

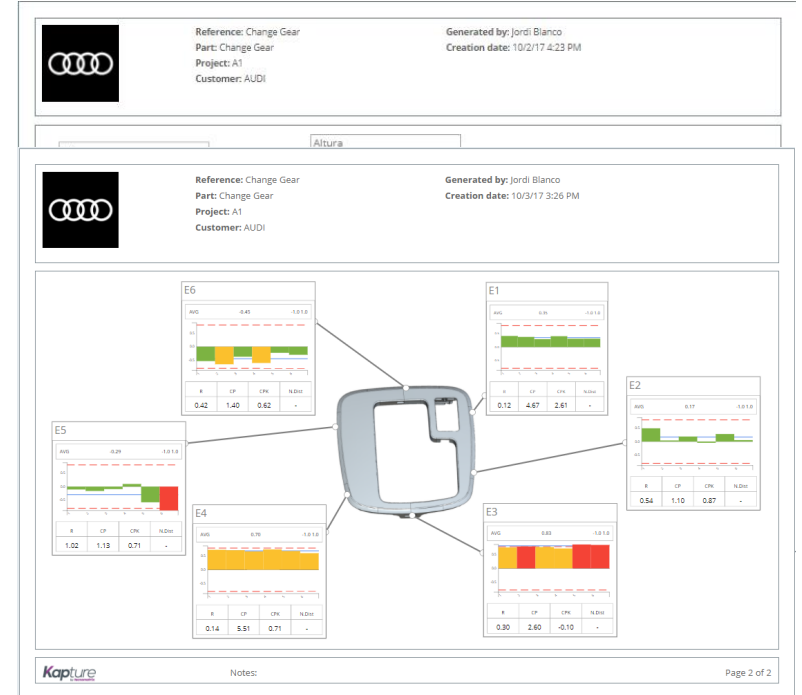
Reporting   Dashboard

Basics  Alarms 



Informes:

- Capacidad
- Tendencia
- Informes de pieza unitaria
- Muros de calidad
- Informes cruzados de diferentes fuentes
- Filtros mediante fechas, atributos, lote, etc.
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QUALITY CONTROL

Define the control plan

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Reporting Dashboard

Basics Alarms

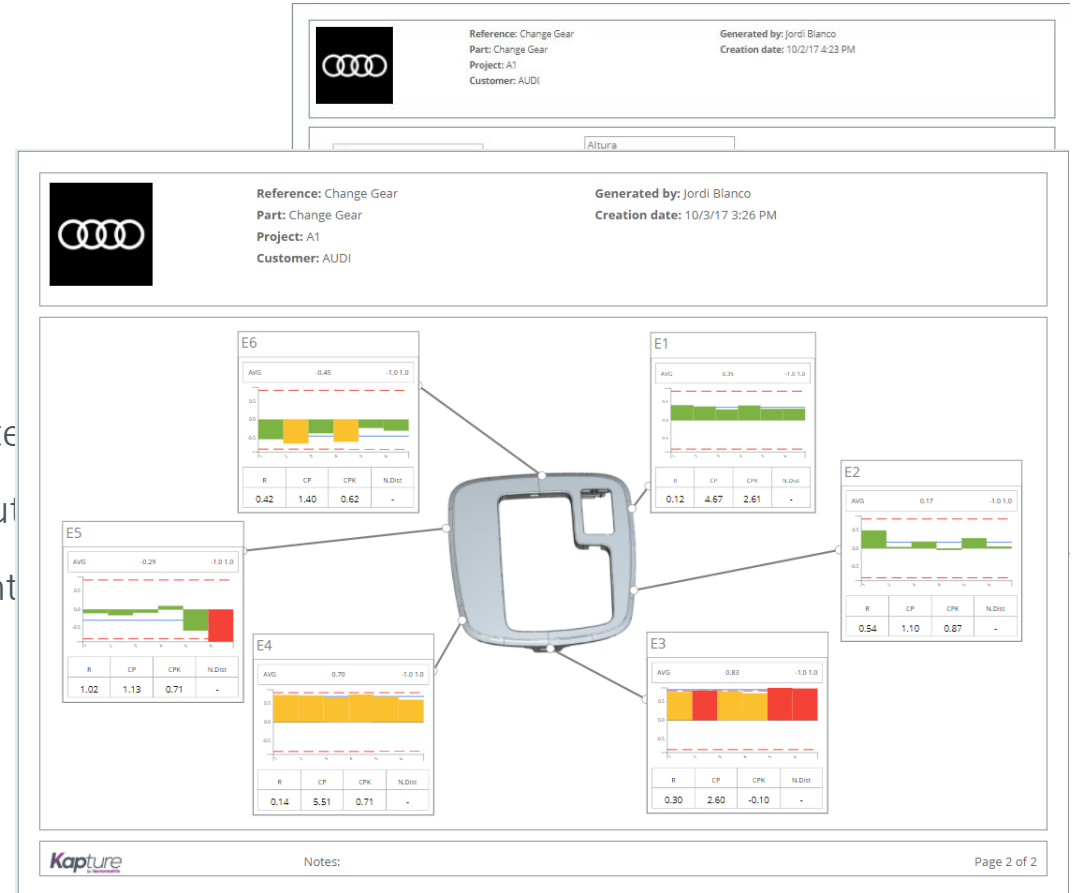
Reporting Dashboard

Basics Alarms



Informes:

- Capacidad
- Tendencia
- Informes de pieza unitaria
- Muros de calidad
- Informes cruzados de diferente
- Filtros mediante fechas, atribut
- Visualización de ficheros 3D int



QUALITY CONTROL



Define the control plan



PROCESS



Phase
Operation
Machine



PRODUCT

Customer
Project
Part (reference)

Reporting   Dashboard

Basics  Alarms 

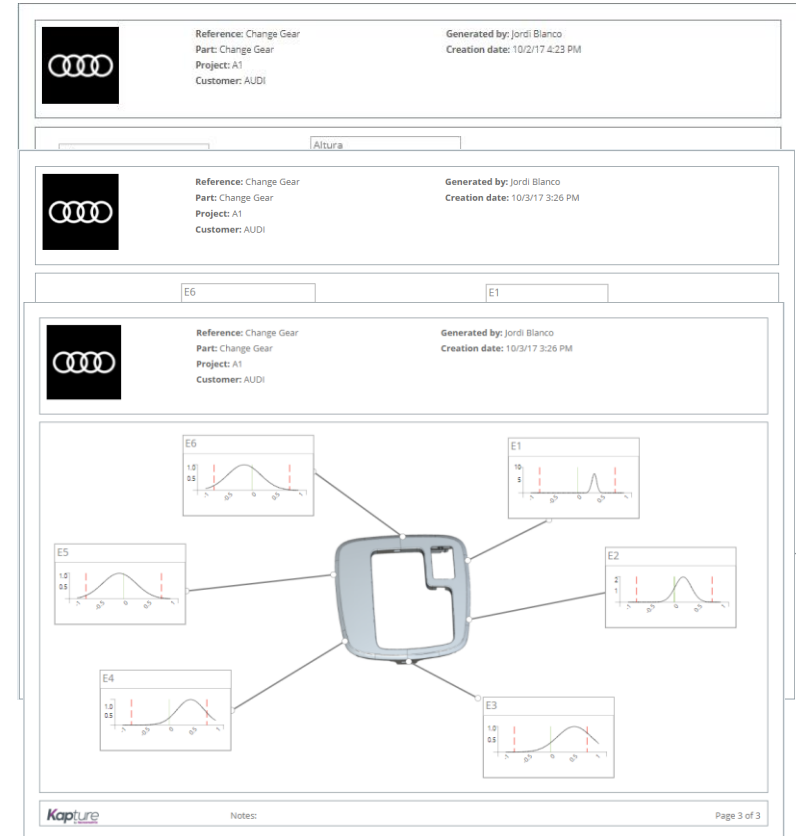
Reporting   Dashboard

Basics  Alarms 



Informes:



- Capacidad
- Tendencia
- Informes de pieza unitaria
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QUALITY CONTROL
Define the control plan

PROCESS



Phase
Operation
Machine



Reporting   Dashboard

Basics Analytics   Alarms

PRODUCT

Customer
Project
Part (reference)


Reporting   Dashboard

Basics Analytics   Alarms



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- Muros de calidad
- Informes cruzados de diferentes
- Filtros mediante fechas, atributos
- Visualización de ficheros 3D integ



Reference: Change Gear
Part: Change Gear
Project: A1
Customer: AUDI


Generated by: Jordi Blanco
Creation date: 10/2/17 4:23 PM

Altura



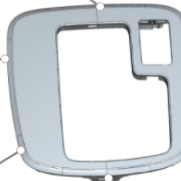
Reference: Change Gear
Part: Change Gear
Project: A1
Customer: AUDI

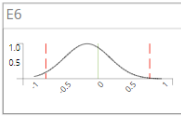
Generated by: Jordi Blanco
Creation date: 10/3/17 3:26 PM



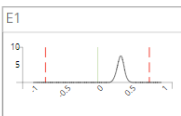
Reference: Change Gear
Part: Change Gear
Project: A1
Customer: AUDI

Generated by: Jordi Blanco
Creation date: 10/3/17 3:26 PM

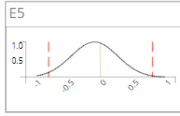




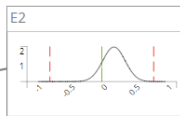
E6



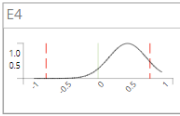
E1



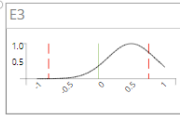
E5




E2



E4



E3





Notes:



Page 3 of 3

QUALITY CONTROL
Define the control plan

PROCESS



Phase
Operation
Machine



Reporting   Dashboard

Basics   Alarms

PRODUCT

Customer
Project
Part (reference)


Reporting   Dashboard

Basics   Alarms




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- Muros de calidad
- Informes cruzados de diferentes fuentes
- Filtros mediante fechas, atributos, lote, etc.
- Visualización de ficheros 3D integrado


 Reference: Change Gear Generated by: Jordi Blanco
Part: Change Gear Creation date: 10/2/17 4:23 PM
Project: A1
Customer: AUDI

Altura

 Reference: Change Gear Generated by: Jordi Blanco
Part: Change Gear Creation date: 10/3/17 3:26 PM
Project: A1
Customer: AUDI

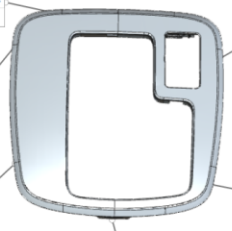
E6 E1

 Reference: Change Gear Generated by: Jordi Blanco
Part: Change Gear Creation date: 10/3/17 3:26 PM
Project: A1
Customer: AUDI

 Reference: Change Gear Generated by: Jordi Blanco
Part: Change Gear Creation date: 9/28/17 11:00 AM
Project: A1
Customer: AUDI

SRF6					
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.
D.N.	-0.374	0.000	0.374	1.000	-1.000

SRF1					
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.
D.N.	-0.063	0.000	0.063	1.000	-1.000



SRF5					
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.
D.N.	0.07	0.000	-0.070	1.000	-1.000

SRF2					
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.
D.N.	-0.379	0.000	0.379	1.000	-1.000

SRF4					
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.
D.N.	-0.308	0.000	0.308	1.000	-1.000

SRF3					
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.
D.N.	-0.233	0.000	0.233	1.000	-1.000

Kapture Notes Page 1 of 3

QUALITY CONTROL

Define the control plan

PROCESS

Phase
Operation
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Reporting Dashboard

Basics Analytics Alarms

PRODUCT

Customer
Project
Part (reference)

Reporting Dashboard

Basics Analytics Alarms



Informes:

- Capacidad
- Tendencia
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- Muros de calidad
- Informes cruzados de diferente
- Filtros mediante fechas, atributo
- Visualización de ficheros 3D int

Reference: Change Gear Generated by: Jordi Blanco
Part: Change Gear Creation date: 10/2/17 4:23 PM
Project: A1
Customer: AUDI

Altura

Reference: Change Gear Generated by: Jordi Blanco
Part: Change Gear Creation date: 10/3/17 3:26 PM
Project: A1
Customer: AUDI

Reference: Change Gear Generated by: Jordi Blanco
Part: Change Gear Creation date: 9/28/17 11:00 AM
Project: A1
Customer: AUDI

SRF6						5
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.	
D.N.	-0.374	0.000	0.374	1.000	-1.000	

SRF1						0
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.	
D.N.	-0.063	0.000	0.063	1.000	-1.000	

SRF5						4
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.	
D.N.	0.07	0.000	-0.070	1.000	-1.000	

SRF4						3
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.	
D.N.	-0.308	0.000	0.308	1.000	-1.000	

SRF2						1
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.	
D.N.	-0.379	0.000	0.379	1.000	-1.000	

SRF3						2
-	Val.	Nom.	Dev.	Up.Tol.	Lw.Tol.	
D.N.	-0.233	0.000	0.233	1.000	-1.000	

Notes:
Page 1 of 3

QUALITY CONTROL

Define the control plan

PROCESS

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PRODUCT

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Project
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Reporting Dashboard

Basics Alarms

Reporting Dashboard

Basics Alarms



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Reference: Change Gear
Part: Change Gear
Project: A1
Customer: AUDI

Generated by: Jordi Blanco
Creation date: 10/2/17 4:23 PM

Altura

Reference: Change Gear
Part: Change Gear
Project: A1
Customer: AUDI

Generated by: Jordi Blanco
Creation date: 10/3/17 3:26 PM

E6
E1

Reference: Change Gear
Part: Change Gear
Project: A1
Customer: AUDI

Generated by: Jordi Blanco
Creation date: 9/28/17 11:00 AM

SRF6						5
-	Val.	Nom.	Dev.	Up.Tot.	Lw.Tot.	
D.N.	-0.974	0.000	0.374	1.000	-1.000	

SRF5						4
-	Val.	Nom.	Dev.	Up.Tot.	Lw.Tot.	
D.N.	0.07	0.000	-0.070	1.000	-1.000	

SRF4						3
-	Val.	Nom.	Dev.	Up.Tot.	Lw.Tot.	
D.N.	-0.308	0.000	0.308	1.000	-1.000	

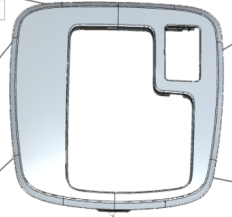
SRF3						2
-	Val.	Nom.	Dev.	Up.Tot.	Lw.Tot.	
D.N.	-0.233	0.000	0.233	1.000	-1.000	

SRF1						0
-	Val.	Nom.	Dev.	Up.Tot.	Lw.Tot.	
D.N.	-0.063	0.000	0.063	1.000	-1.000	

SRF2						1
-	Val.	Nom.	Dev.	Up.Tot.	Lw.Tot.	
D.N.	-0.379	0.000	0.379	1.000	-1.000	

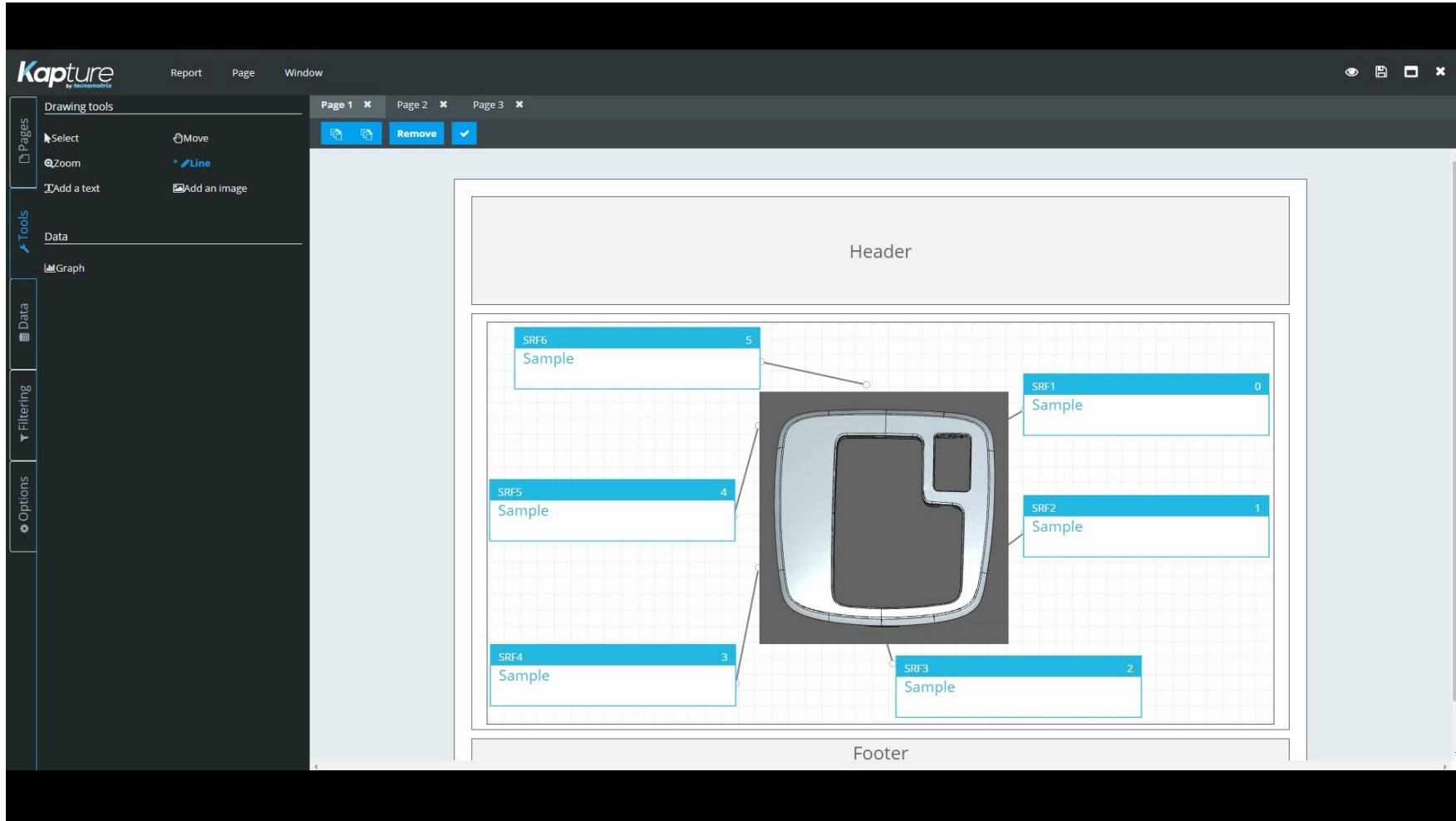
Reference: Change Gear
Part: Change Gear
Project: A1
Customer: AUDI

Generated by: Jordi Blanco
Creation date: 9/28/17 11:00 AM



Notes:

Page 1 of 3



The screenshot displays the Kapture software interface. The top menu bar includes "Report", "Page", and "Window". The main workspace shows a technical drawing of a mechanical part with a central image of the part. The drawing is divided into a "Header" section at the top and a "Footer" section at the bottom. Six Sample Reference Features (SRF1-SRF6) are identified, each with a "Sample" label and a numerical value:

- SRF1: Sample 0
- SRF2: Sample 1
- SRF3: Sample 2
- SRF4: Sample 3
- SRF5: Sample 4
- SRF6: Sample 5

The left sidebar contains a "Drawing tools" section with options: "Select", "Move", "Zoom", "Add a text", and "Add an image". Below this are sections for "Data", "Graph", "Filtering", and "Options". The top of the workspace shows "Page 1", "Page 2", and "Page 3" tabs, along with a "Remove" button and a checkmark.

QUALITY CONTROL



Define the control plan



PROCESS



Phase
Operation
Machine



PRODUCT

Customer
Project
Part (reference)

Reporting   Dashboard

Basics   Alarms

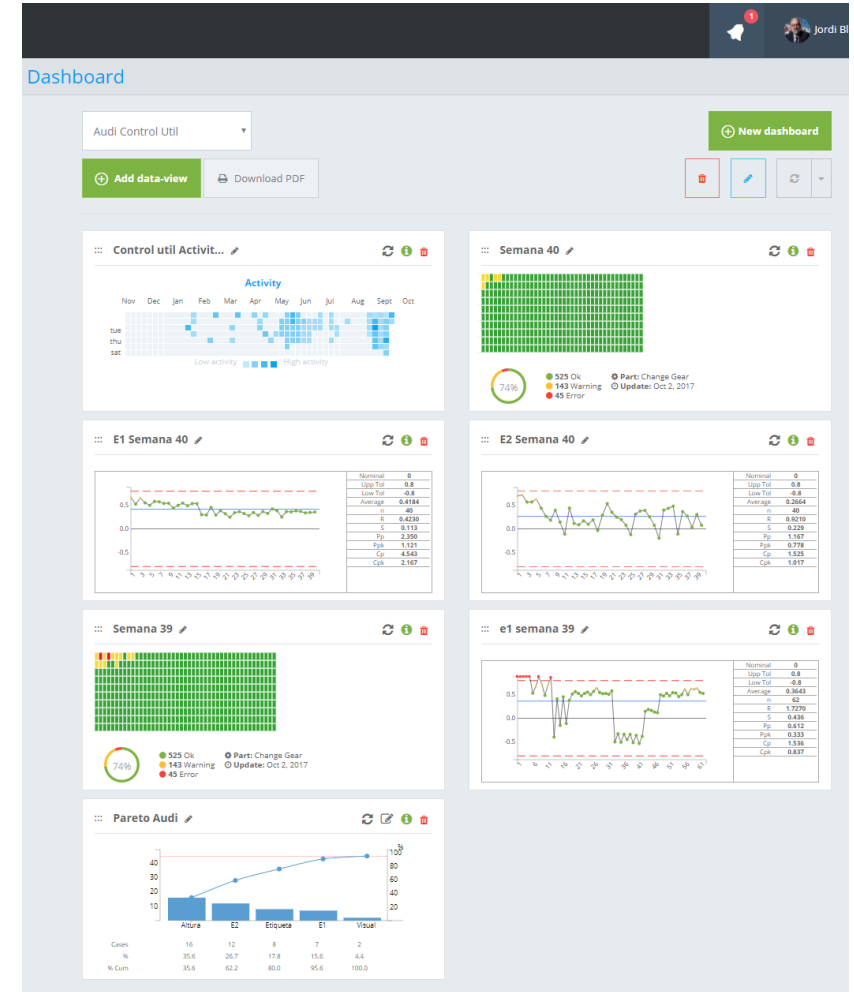
Reporting   Dashboard

Basics   Alarms



Paneles de control:

- Configurables por el usuario
- Gráficos de tendencia
- Por pieza
- Muros de calidad
- Informes cruzados de diferentes fuentes



QUALITY CONTROL



Define the control plan



PROCESS



Phase
Operation
Machine



PRODUCT

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Part (reference)

Reporting   Dashboard

Basics Analytics   Alarms

Reporting   Dashboard


Basics Analytics   Alarms



Notificaciones:

- Configurables por el usuario
- Mediante email
- App Notificaciones
- Registro de todas las notificaciones emitidas
- Alertas por muestras, cambios de estado





Jordi Blanco
jordi@kapture

Kapture

Alarm messages Notifications Subscriptions

Date	Name	Control Guide	Message
10/3/17 8:16 PM	Suciedad en las piezas.	50 quality wall	Suciedad en las piezas. Evaluar retrabajo.
10/3/17 8:14 PM	Presencia de rayas.	50 quality wall	Piezas sin el protector plástico.
10/3/17 8:14 PM	Falta de protector.	50 quality wall	Detectadas piezas con falta de protección.
10/3/17 8:14 PM	Falta de protector.	50 quality wall	Detectadas piezas con falta de protección.
10/3/17 8:10 PM	Alarma Grietas	50 quality wall	Alarma por grietas en la pieza Gear. Considera para la producción.
10/3/17 8:10 PM	Alarma Grietas	50 quality wall	Alarma por grietas en la pieza Gear. Considera para la producción.
10/3/17 8:10 PM	Alarma Grietas	50 quality wall	Alarma por grietas en la pieza Gear. Considera para la producción.
10/3/17 8:10 PM	Alarma por falta de etiqueta.	50 quality wall	Alarma por falta de etiqueta
10/3/17 8:08 PM	Alarma por falta de etiqueta.	50 quality wall	Alarma por falta de etiqueta
10/3/17 8:08 PM	Alarma por falta de etiqueta.	50 quality wall	Alarma por falta de etiqueta

1 2 3 »

10 20 50

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AUDIT

Questions
Calendar
Levels

Reporting   Dashboard
Basics   Alarms
Analytics





Auditoras:

- Auditoria de cliente
- Inicio de serie
- Run & Rate
- Auditoria 5S
- Auditoria de producto
- Auditoria planta
- Definición de cuestionarios compartidos



Kapture
by tecnomatrix

  Jordi Blanco

Home

Dashboards

Alarms

Issue List

Audits new

Customers

Projects

Parts new

Control Guides

Studies


My Control Guides

Audits **Rapid Audit**

Welcome to Audits. It consists of two sections: Templates and Audits. Templates define where it should be carried out (Location / Department), by whom (Users) and the steps to be taken and replied to. To start, a draft is created with its Location, department and Users. Then all the requirements are added, divided into their sections, and once completed it can be published as a template. This is now available in Kapture.io and in the Audits App, where it can be converted into an Audit so its users can complete it. Changes to an existing template are controlled in versions which can be seen in the template list as well as in the audit results page which shows which version was used. You can save changes either as new draft of this template or publish a new version of the template. A new version is created every time the "Publish Template" button is pressed. Drafts cannot be used as Audits until they have been published as a template. This version can then be converted in an Audit.

Summary

Title


Prefix

Audit Description

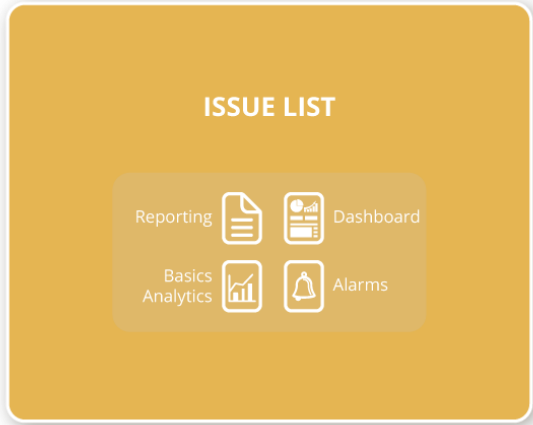
Assigned Users and Department

Location

Department

Version Number 

Support



Issue List:

- Centralización de todas las incidencias, mejoras, problemas
- Gestión documental integrada
- Asignación de responsables
- Visualización del progreso
- Vinculación directa con auditorias, pautas de control



Issue List

Search by id or issue

Select Location

Select Detection Point below

All status

Filters

Print List

Status	Id	Prio.	Progress	Location	Dept.	Issue
▶	5	1	0 %	Barcelona	Quality	Piezas
▶	4	1	30 %	Barcelona	Production	Piezas
▶	3	3	90 %	Barcelona	Quality	Ausenc
▶	2	3	30 %	Barcelona	Production	Piezas
▶	1	3	0 %	Barcelona	Production	Injecti

Issue Details:

Status: On Going

Open Date: 2017-09-13 | Due Date: 2017-10-13 | Forecast Date: 2017-10-13 | Priority (1-5): 3

Description: **Issue***
Aparece recurrente de los operarios en su puesto de trabajo durante periodo más largo a lo admisible.
Issue Type: No Issue Type selected

Location: **Location*** Barcelona | **Department*** Quality | **Section** No Section selected

Responsible: Department: Quality | Detection Point: No Detection Point selected

Economic Impact: Cost: 0 | Saving: 0 | Investment: 0

Documents:

Name	Size	Description	Created	Actions
camara.jpg	108.7 KB	foto	10/9/17 3:37 PM	📄 🗑
Aspecto.jpg	90.8 KB	Defectos de aspecto visual	10/9/17 3:36 PM	📄 🗑

GAGE / INSTRUMENTS

MSA
Cost analysis

Reporting   Dashboard

Basics Analytics   Alarms








Gestión instrumentos, medios de control, maquinas:

- Ficha individual para cada recurso
- Gestión documental integrada
- Análisis de costes
- Alertas de mantenimiento
- Seguimiento de las calibraciones

Fixtures

Search Location Active fixtures

Name ^	Location	Ubication	Calibration	Next calibration ^
<input checked="" type="checkbox"/>  Fixture	Barcelona	Production Plant	Internal	09/2018
<input checked="" type="checkbox"/>  Fixture	Barcelona	Production Plant	Internal	01/2018
<input checked="" type="checkbox"/>  Gauge	Barcelona	Metrology Lab	Internal	03/2018
<input checked="" type="checkbox"/>  Gear	Barcelona		Internal	
<input checked="" type="checkbox"/>  Positioner	Barcelona	Metrology Lab	Internal	09/2018

10 20 50

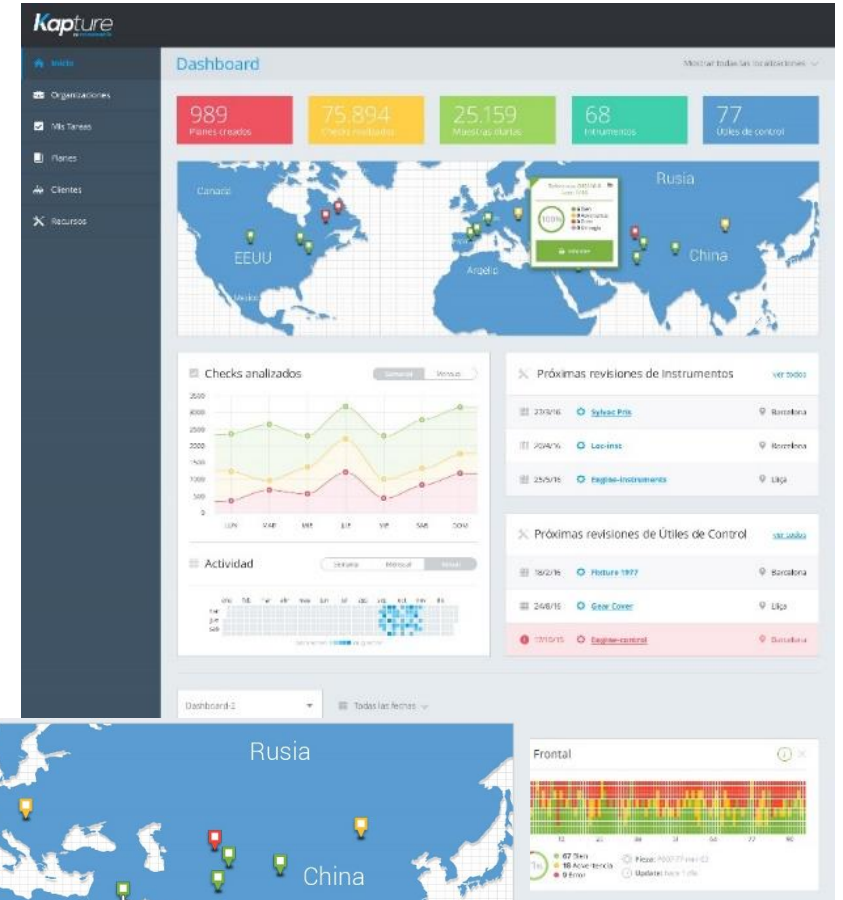
BI / ANALYTICS / ML

OLAP report
Machine learning
Analytics

- Reporting  Dashboard 
- Basics Analytics  Alarms 

Análisis global :

· Análisis individual y agregado de varios centros productivos.



BI / ANALYTICS / ML

OLAP report
Machine learning
Analytics

- Reporting  Dashboard 
- Basics Analytics  Alarms 

Análisis del plan de control :

- Herramientas visuales, controlar el seguimiento.
- Alertas automáticas de las desviaciones.



Dashboard

Mostrar todas las localizaciones

	KPI 1	KPI 2	KPI 3			
2023/16	Gestión	Albora	85%	78%	34%	
2024/16	Gestión	Aragón	34%	30%	17%	
2023/16	Gestión	Tolosa	17%	17%	66%	
2024/16	Gestión	Bizkaia	76%	60%	78%	

Checks analyzed

Proximas revisiones de Instrumentos

- 27/5/16 **Sylvan Pils**
- 20/4/16 **Lin-Inst**
- 25/5/16 **Engine-Instruments**

Proximas revisiones de Útiles de Control

- 19/2/16 **Fixture 1877**
- 24/8/16 **Gear Cover**
- 10/10/15 **Engine-control**



Transformación 4.0

- Análisis de datos de diferentes fuentes y a tiempo real
- Big Data - Business Intelligence – Machine Learning
- Sistema Cloud - Conectividad con ERP, MES, PLM
- Cambio en la relación entre empresas – Cadenas de valor en red



Contacto

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Pol. Ind. La Serra 1 - C/ Bergadà 3, Nave 2

08185 Lliçà de Vall (Barcelona)

www.tecnomatrix.com

tec^{•••}nömatrix
Checking fixtures specialists