



Engineering Excellence

NETSTAL goes digital! Your entire production world available on-the-go: A look at AnalytiX

Competence Forum 2018

Adrian Marti / Nils Birkeland



Agenda



Digital strategy



e-Service



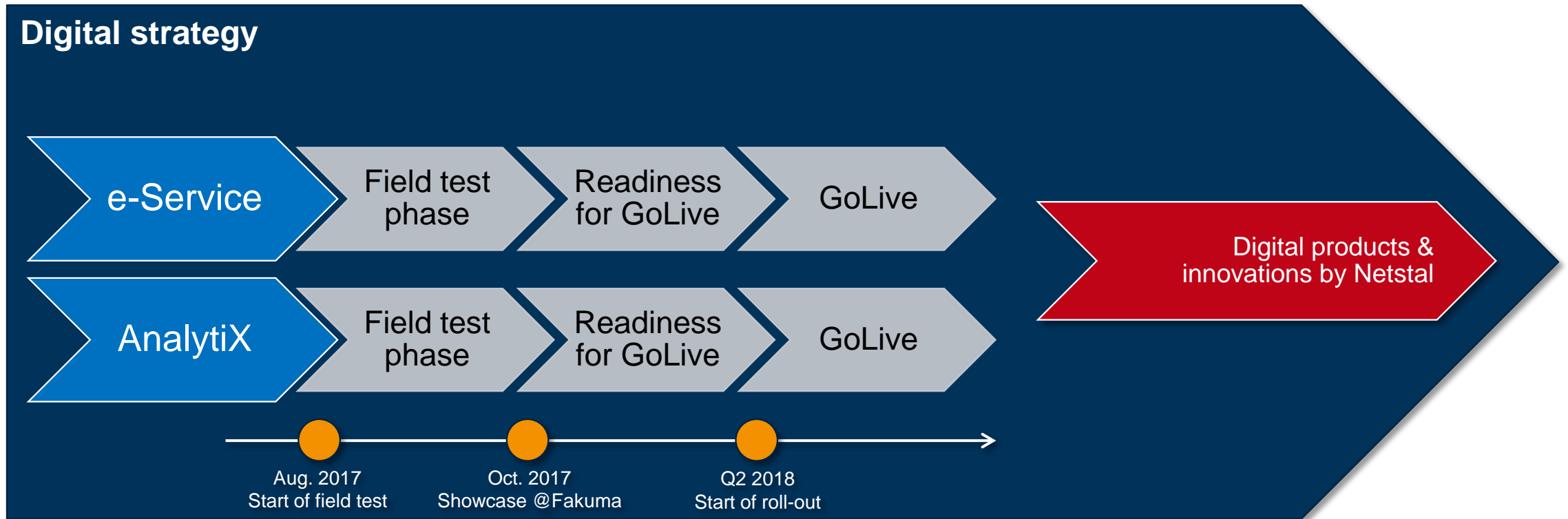
AnalytiX



Summary

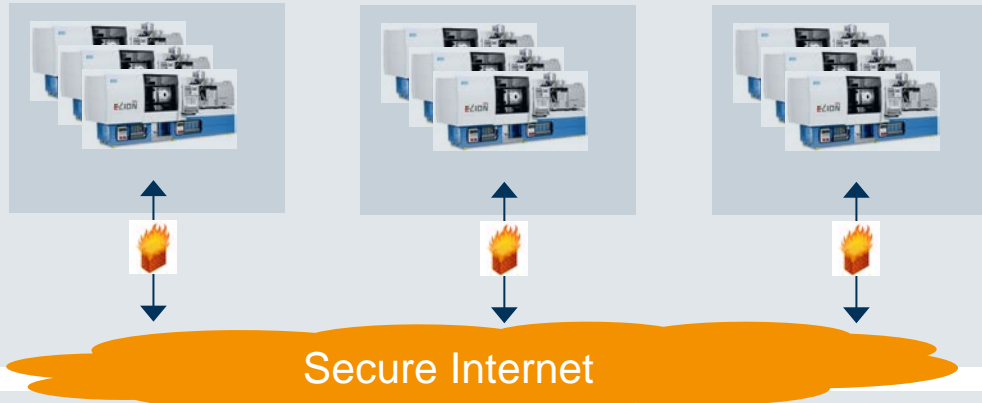
Road map of digital products & innovations in IoT

NETSTAL's activities



Overview of architecture

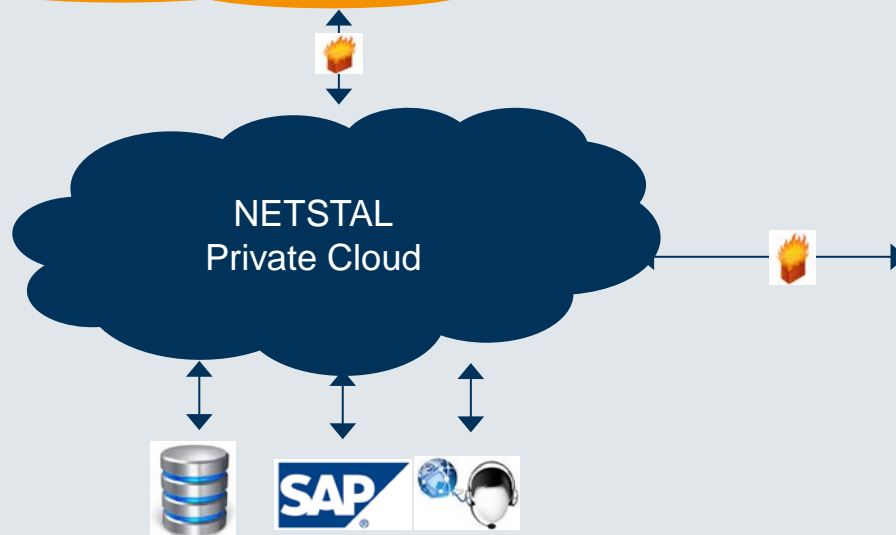
Customers



Privacy and data security for customers and for Netstal is the main focus

- e-Service & AnalytiX is hosted in a redundant data center in Näfels, Switzerland
- State-of-the-art data encryption to ensure secure end-to-end connection
- ONE NETSTAL login for any application
- Protected AnalytiX data memory and data only visible for Netstal and the customer in question

Netstal



Digital platform & applications



e-Service

eCommerce
Documentation
NRS
VMC
Support Tickets

AnalytiX

Monitoring
Predictive
Performance
Business apps
...



Agenda



Digital strategy



e-Service



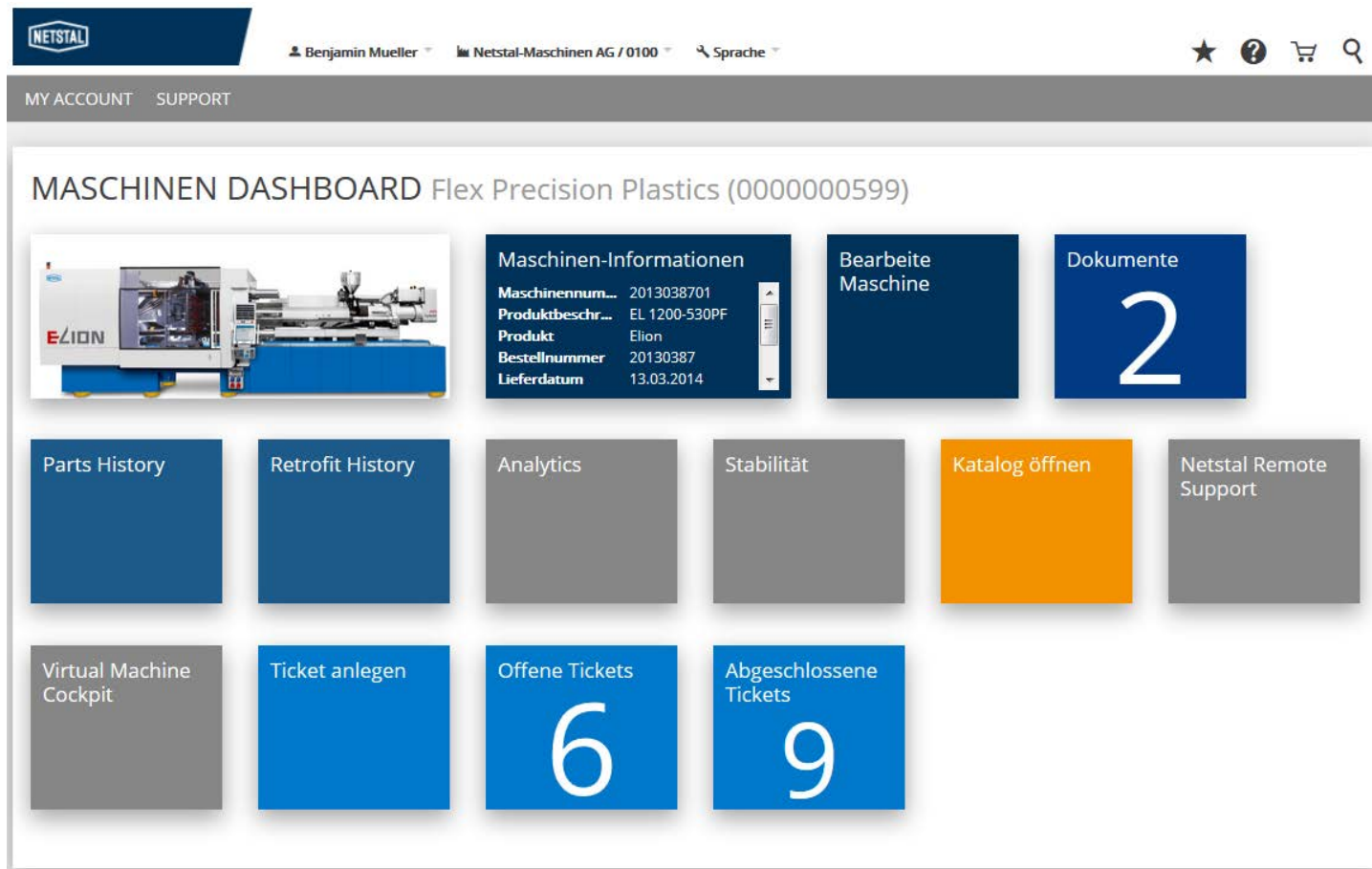
AnalytiX



Summary

e-Service in detail

Machine dashboard



The screenshot shows the NETSTAL machine dashboard for a Flex Precision Plastics machine (ID: 0000000599). The dashboard includes a header with the user name Benjamin Mueller, the company Netstal-Maschinen AG / 0100, and a language selector. The main content area is titled 'MASCHINEN DASHBOARD Flex Precision Plastics (0000000599)' and features several widgets:

- Maschinen-Informationen:** A table with the following data:

Maschinennum...	2013038701
Produktbeschr...	EL 1200-530PF
Produkt	Elion
Bestellnummer	20130387
Lieferdatum	13.03.2014
- Bearbeite Maschine:** A button to manage the machine.
- Dokumente:** A button showing 2 documents.
- Parts History:** A button to view the parts history.
- Retrofit History:** A button to view the retrofit history.
- Analytics:** A button to view analytics.
- Stabilität:** A button to view stability data.
- Katalog öffnen:** A button to open the catalog.
- Netstal Remote Support:** A button to access remote support.
- Virtual Machine Cockpit:** A button to access the virtual machine cockpit.
- Ticket anlegen:** A button to create a new ticket.
- Offene Tickets:** A button showing 6 open tickets.
- Abgeschlossene Tickets:** A button showing 9 closed tickets.

- Overview of machine details
- Machine documents, e.g. manuals, schemata, etc.
- Spare part & retrofit history
- AnalytiX
- 3D spare part catalog
- Remote service (NRS)
- Virtual machine cockpit (VMC)
- Open and closed tickets (service requests) for each machine

Agenda



Digital strategy



e-Service



AnalytiX

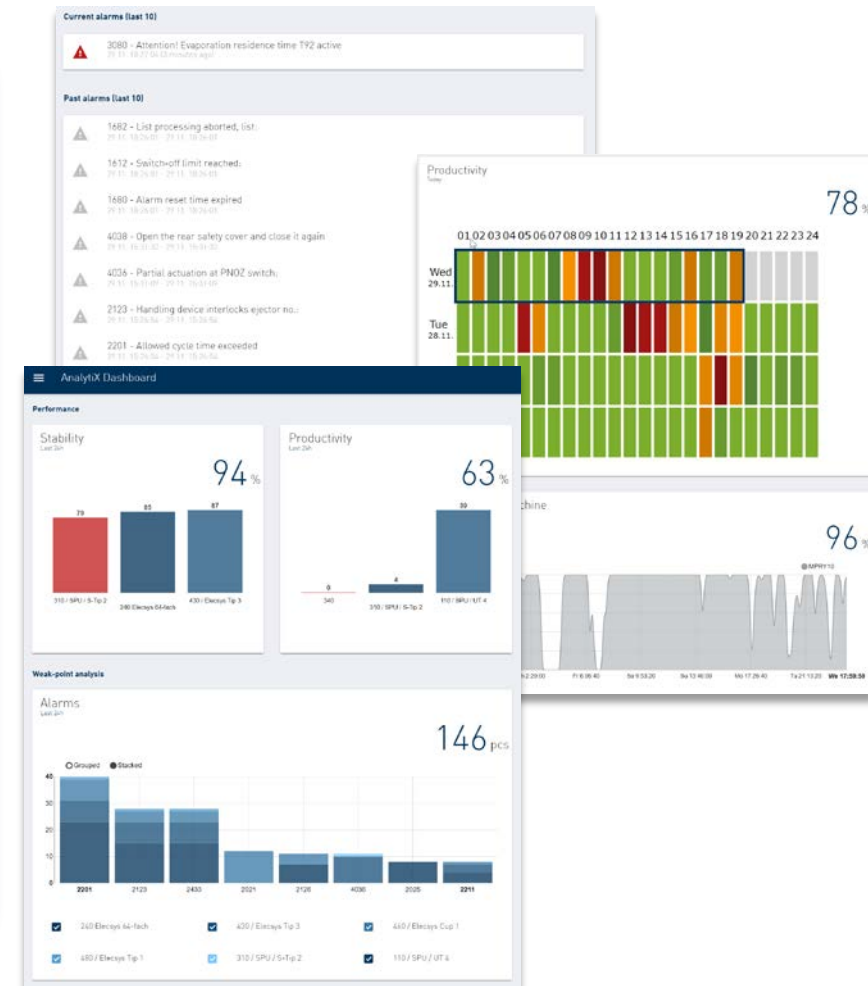
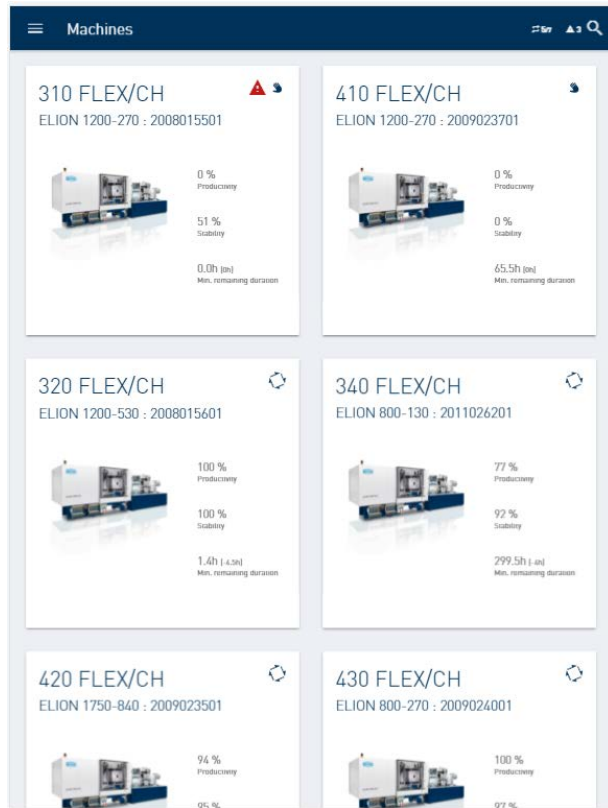


Summary



AnalytiX

Mobile production monitoring, performance analysis and process optimization



Agenda



Digital strategy



e-Service

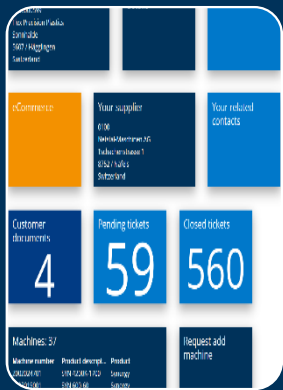


AnalytiX



Summary

Summary



e-Service

- Access and main functions are free
- Can be reached any time, regardless of location
- Detailed information and documentation of your Netstal machines
- Ticketing system
- Online shop with 3D spare part finder and order history
- AnalytiX production monitoring completely integrated
- Overview of personal contacts

<https://www.netstal.com/de/e-service.html>



AnalytiX

- The digital building block of the IoT era
- Access to monitoring anytime, anywhere
- Current machine statuses and a variety of characteristic values
- Graphic presentation of process parameters and automated process evaluations
- Data history for all machines and parameters
- User-friendly app for Android and iOS
- Free entry-level "Basic" version with 24-hour data storage
- Individually selectable feature packages
- Available in several languages

<https://www.netstal.com/de/analytix.html>



Engineering Excellence

Your entire production world available on-the-go: A look at AnalytiX

Competence Forum 2018

Adrian Marti / Nils Birkeland

