



Webinar

BAT-MANAGER

Speaker: Maxime Blin – Software Developer



Rules

- Webcam and microphones are disabled
- Use the chat to ask questions during the presentation (english only)
- My colleagues will provide the answers



Time Frame

- 40 Min Webinar
- 15 Min Questions



Webinar Agenda

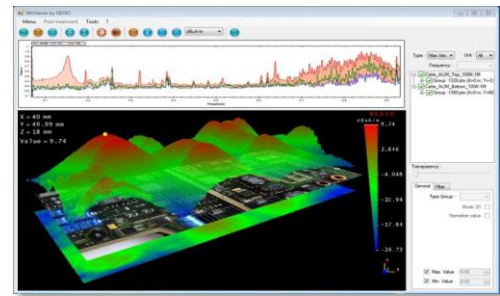
1. Who is Nexio
2. Introduction
3. Lab Activity Management Context
4. Demos
5. Bat-manager in your lab



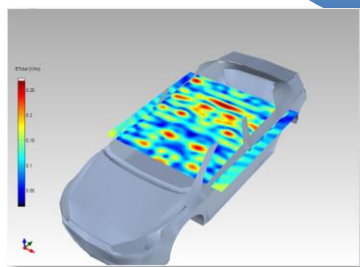
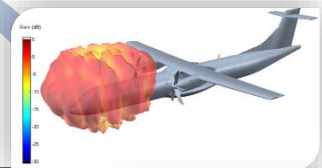
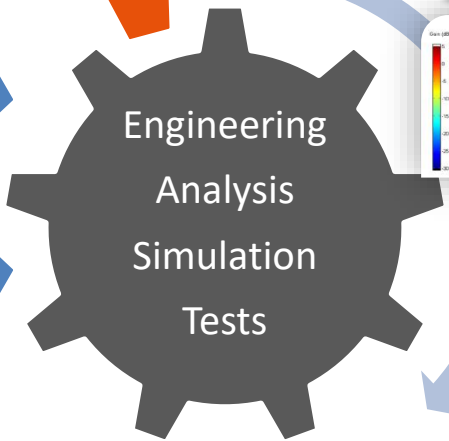
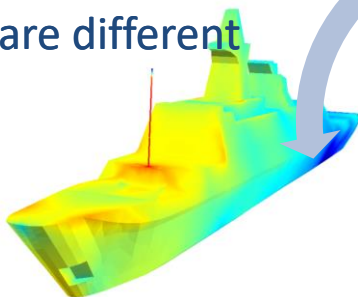
Since 2003: Electromagnetism is our thing

INTERFERENCES
EMC
Lightning
ESD

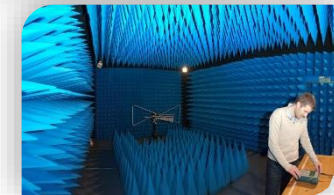
PROPAGATION
Antenna
Radio Frequency
Stealthiness (RCS)



every labs are different



15 R&D Projects since 2008



Employees: 90 – Turnover: 7M€
250 Clients- 25 countries



Lab Activity Context

1. A lot of interaction between different actors:

Lab managers, Planning coordinators, Operators, Project managers, Top management, Sales, Quality manager, Calibration manager

2. Multiple Planning interactions before planning tests

- Chamber availability
- Product under test availability
- Equipment to perform the different tests (metrology, maintenance)
- Other labs (test types dependency)
- Operator availability
- Test Equipment/software issues



Usually done in one excel file

1. Flexibility at first, easy to create and use quickly
2. No extra cost
3. Difficult to share among all actors
4. Security issues
5. Difficult to apply specific rules
6. Difficult to handle complexity



Bat-Manager Introduction

1. First Version in 2014
2. Webinar/brainstorming with customers
3. We had a lot of discussions about customer requirements

=> Every Lab is different



Bat-Manager Introduction

1. New version
2. We worked with lab managers for a customer, concrete solution to solve real problems for their planning
3. Solution based on a development framework: DevExpress eXpressApp Framework (XAF)

=> We can easily create a dedicated solution based on the demo version



Bat-Manager Demo

1. Specific Use Case

Test House Lab working with 3 time slots, 20 operators, 4 chambers, 20 project managers, 4 project coordinators who manage all lab activities

2. Unified schedule data with different views for different actors

3. Demo data set : 4 years of lab activities (not real)



Demo

1. Application Overview

2. Lab Management

3. Project Management

4. Schedule Management

5. User/role

6. Dashboard/report





Welcome! Please enter your user name and password below.

USER NAME:

PASSWORD:

Demo

1. Application Overview
2. Lab Management
- 3. Project Management**
4. Schedule Management
5. User/role
6. Dashboard/report



- SCHEDULE MANAGEMENT
 - My Schedule
 - Schedule By Operator
 - Schedule By Chamber
 - Schedule By Operator/Chamber
 - Schedule By Project
- PROJECT MANAGEMENT
 - Projects**
 - Customers
 - Managers
- LAB MANAGEMENT
 - Activity Type
 - Standards
 - Chambers
 - Operators
 - Time Slots
 - Equipment
- ADMINISTRATION
 - Roles
 - Users
 - Application Parameters
- REPORTS
 - Analysis
 - Dashboards
 - Reports

Project

Drag a column header here to group by that column

<input type="checkbox"/>		PROJECT NAME	PROJECT ID	STATE	CUSTOMER	MANAGER	START DATE	DUE DATE
				N/A				
<input type="checkbox"/>		PROJECT 0000	PR0000	In Progress	TJM Equipment	Luke Butler		
<input type="checkbox"/>		PROJECT 0001	PR0001	Not Started	Coastal Heatseeker	Quentin Clark		
<input type="checkbox"/>		PROJECT 0002	PR0002	Completed	The TACA Store	Finley Thompson		
<input type="checkbox"/>		PROJECT 0003	PR0003	Completed	Wooly's Electronics	John Murray		
<input type="checkbox"/>		PROJECT 0004	PR0004	Completed	Coastal Heatseeker	Michael Reynolds		
<input type="checkbox"/>		PROJECT 0005	PR0005	Not Started	Cockatoo Mechanical	Florence Wright		
<input type="checkbox"/>		PROJECT 0006	PR0006	Not Started	OQV Equipment	Lucy Reid		
<input type="checkbox"/>		PROJECT 0007	PR0007	Not Started	TJM Equipment	Layla Stewart		
<input type="checkbox"/>		PROJECT 0008	PR0008	Completed	Proguard Car Care	Rosie Chapman		
<input type="checkbox"/>		PROJECT 0009	PR0009	Completed	Amp Shop Plus	Kyle Reid		
<input type="checkbox"/>		PROJECT 0010	PR0010	Completed	Proguard Car Care	John Murray		
<input type="checkbox"/>		PROJECT 0011	PR0011	In Progress	Smart Appliance Pros	Florence Wright		
<input type="checkbox"/>		PROJECT 0012	PR0012	Completed	Kelvin W. Lyden	Quentin Clark		
<input type="checkbox"/>		PROJECT 0013	PR0013	Completed	Proguard Car Care	Luke Butler		
<input type="checkbox"/>		PROJECT 0014	PR0014	Completed	X Power Electrical	Brandon Williams		
<input type="checkbox"/>		PROJECT 0015	PR0015	In Progress	Nova SPCA Aust	Layla Stewart		
<input type="checkbox"/>		PROJECT 0016	PR0016	In Progress	The Test Electric	Luke Butler		
<input type="checkbox"/>		PROJECT 0017	PR0017	Not Started	X Power Electrical	Bart Simpson		
<input type="checkbox"/>		PROJECT 0018	PR0018	Completed	Ezee's Electric	Connor Rose		

Demo

1. Application Overview
2. Lab Management
3. Project Management
- 4. Schedule Management**
5. User/role
6. Dashboard/report



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- REPORTS

Schedule By Operator

New [Close] [Edit] [Refresh] [Print] [Calendar]

Today [Calendar] > October 17 - 22, 2022

Day **Work Week** Full Week Week Month Timeline Agenda

Archie Marshall x Barry Thomas x Bruce Reynolds x Ethan Owen x

	Monday, October 17				Tuesday, October 18				Wednesday, October 19				Thursday, October 20				Friday, October 21				Saturday, October 22			
	Archie...	Barry ...	Bruce ...	Ethan ...	Archie...	Barry ...	Bruce ...	Ethan ...	Archie...	Barry ...	Bruce ...	Ethan ...	Archie...	Barry ...	Bruce ...	Ethan ...	Archie...	Barry ...	Bruce ...	Ethan ...	Archie...	Barry ...	Bruce ...	Ethan ...
12 AM								PRO: Nov. SPC/ Aust PRO. 0434 Rep: PRO 1				PRO: OQV Equi PRO 0262 Rep: PRO 2				PRO: Coc/ Mec PRO 075E Inter Test PRO 0 (Cha 3)				PRO: Coc/ Mec PRO 075E Inter Test PRO 0 (Cha 3)				PRO: Coc/ Mec PRO 075E Inter Test PRO 0 (Cha 3)
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8:00	PRO: Coa: Heat PRO 0234 Rep: PRO 1		PRO: Kela G R PRO 0612 Inter Test PRO 0		PRO: Proc Car Care PRO 006C Rep: PRO 1	PRO: Coa: Heat PRO 0234 Rep: PRO 2	PRO: Kela G R PRO 034C Exter Test PRO 0		PRO: Safe Drivi Cent PRO 078C Rep: PRO 1		PRO: Kela G R PRO 0612 Inter Test PRO 0 (Cha 2)		PRO: Safe Drivi Cent PRO 078C Rep: PRO 1	PRO: Kela G R PRO 0612 Inter Test PRO 0 (Cha 2)		PRO: Safe Drivi Cent PRO 078C Rep: PRO 1	PRO: Safe Drivi Cent PRO 090C Rep: PRO 0	PRO: Proc Car Care PRO 006C Rep: PRO 2						
9:00																								
10:00																								
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12 PM																								
1:00																								

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Users



New Export to Text to search...

Drag a column header here to group by that column

<input type="checkbox"/>		USER NAME <input type="checkbox"/>	USER TYPE <input type="checkbox"/>	FORCE PASSWORD CHANGE <input type="checkbox"/>	IS ACTIVE <input type="checkbox"/>
			N/A		
<input type="checkbox"/>		Admin	Administrator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Andy.Graham	Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Archie.Marshall	Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Barry.Thomas	Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Bart.Simpson	Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Brandon.Williams	Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Bruce.Reynolds	Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Connor.Rose	Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Ethan.Owen	Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Evie.Kennedy	Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		FAR	User	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Finley.Thompson	Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>		Florence.Wright	Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Francesca.Bailey	Operator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>		Freddie.Khan	Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>		Lee.Fleming	Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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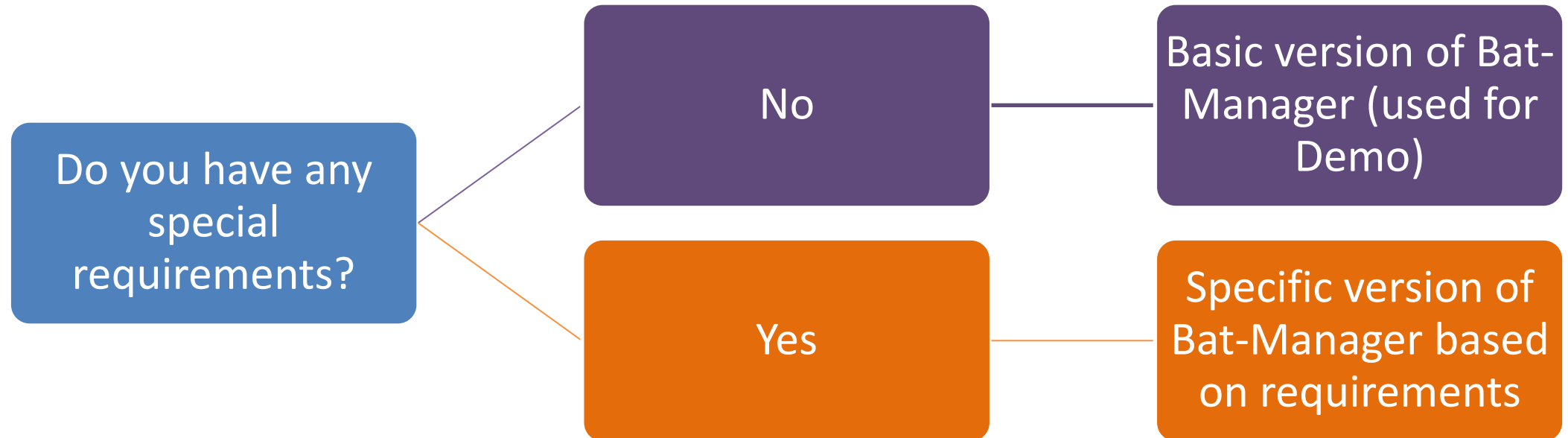
Dashboard

[New](#) [X](#) [Refresh](#) [Print](#) [Share](#) [Export to](#)

<input type="checkbox"/>	TITLE	<input type="text"/>
<input type="checkbox"/>	Activity 2022	
<input type="checkbox"/>	Activity Dashboard	

PAGE SIZE

Bat-Manager



Basic Version Summary

1. Manage your projects before planning with Project Manager and Customers
2. Manage your planning with operators, chambers, equipment availability
3. Create customized report
4. Analyze data with customized dashboard
5. Create user and role for managers, operators and users.

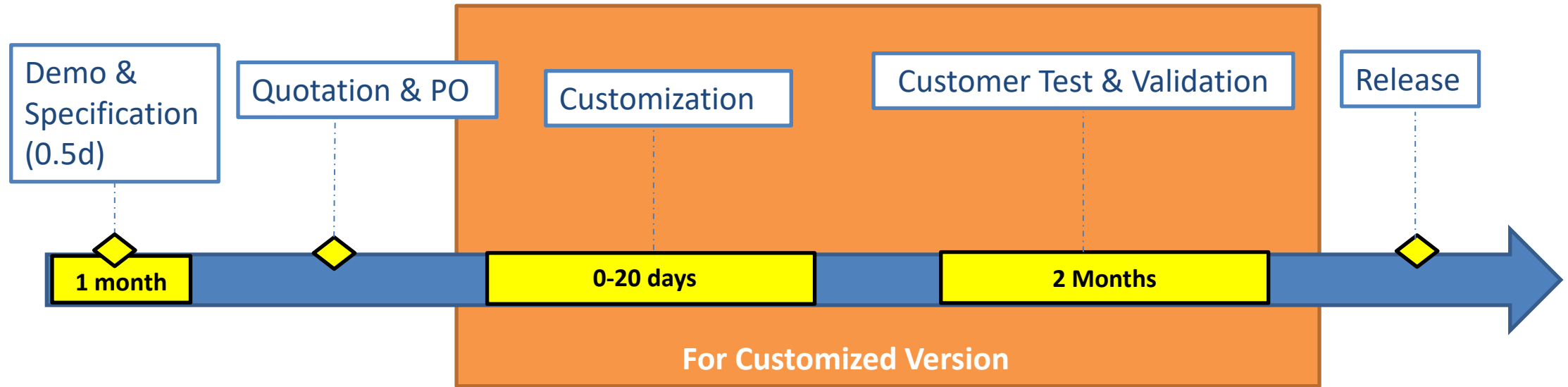


Customization based on your needs

1. Add additional information for a project: internal Sap ID...
2. Introduce teams of operators
3. Operator skills (habilitation)
4. Different test types (ESD, emission, immunity, transient, radio)
5. Different project structure : number of days sold, number of days in option
6. Different project states : planned, estimated
7. Different user structure : no project manager, customer can connect
8. Link between projects
9. EUT availability in a calendar
10.



Implementation in your lab



- Customer can test Basic Version
- Talk Bat-Manager Scope

- Meetings to deeply understand customer requirements
- Customization Development

- Customer validation
- Adaptation if needed

- 2 options :
- On-Premise
 - SaaS/cloud (work in progress)

💡 Key contact : Lab Manager

💡 Keep it simple

💡 Take time to validate the application



Pricing :On Premise vs SaaS

The price consist of 2 parts:

1. License or subscription (Price per test bench)
 - a) On Premise (data inside your company)
 - b) SaaS Mode (data outside your company)

2. Customization (if needed)
 - a) Specification
 - b) Development
 - c) Price per day of development



Pricing On Premise vs SaaS

On Premise :

- All data are stored in your company
- Price for permanent license
- Maintenance per year
- Stored on company server or on a computer in the lab
 - Access on all computers of the company (with web browser)

SaaS Mode:

- External Server (All data are stored outside your company)
- NEXIO will purchase and manage the SaaS solution
- Web Application
- Price per year
- Maintenance included

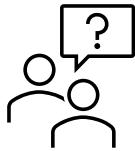


To go further

Contact us for quotation

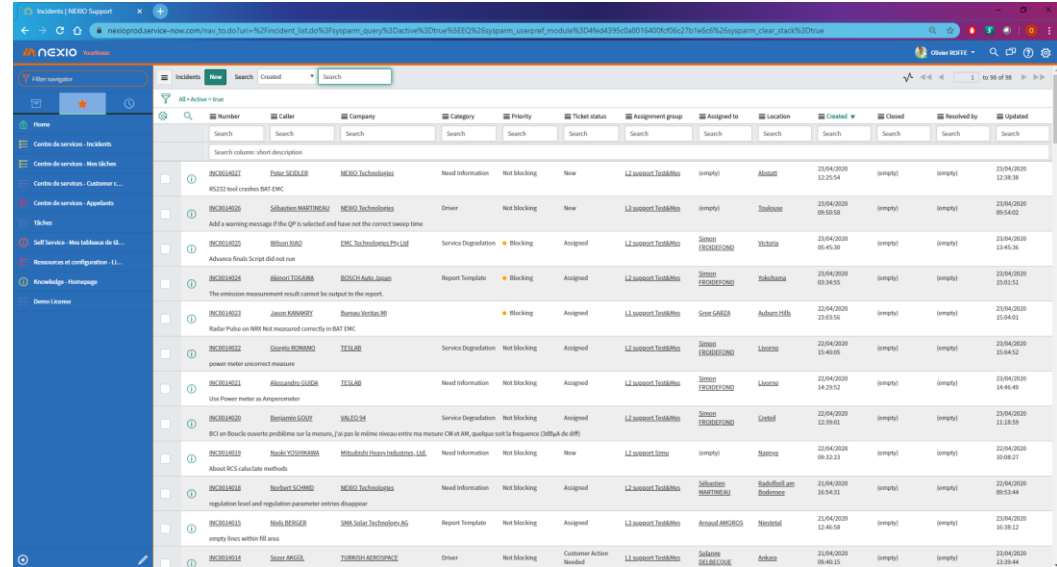


<https://www.nexiogroup.com>



<https://yournexio.com>

sales@nexiogroup.com



Number	Caller	Company	Category	Priority	Ticket status	Assignment group	Assigned to	Location	Created	Closed	Resolved by	Updated
INC014921	Felix SEIGLER	NEXIO Technologies	Need Information	Not blocking	New	L2 support/TicketMts	(empty)	Abate	21/04/2020 12:25:54	(empty)	(empty)	21/04/2020 12:38:38
INC014926	Sébastien MONTMAYEU	NEXIO Technologies	Driver	Not blocking	New	L2 support/TicketMts	(empty)	Podence	21/04/2020 09:00:58	(empty)	(empty)	21/04/2020 09:54:02
INC014922	Wilson BRAD	EMC Technologies Pty Ltd	Service Degradation	Blocking	Assigned	L2 support/TicketMts	SIMON ESCOFFIER	Victoria	21/04/2020 08:49:30	(empty)	(empty)	21/04/2020 13:45:36
INC014924	Alexandre TOGAHBA	BOSSCH Auto_Zooon	Report Template	Blocking	Assigned	L2 support/TicketMts	SIMON ESCOFFIER	Takahama	21/04/2020 09:34:55	(empty)	(empty)	21/04/2020 09:51:51
INC014923	Jason BARNWELL	Berman,Veritas MI	Blocking	Assigned	L1 support/TicketMts	Gene GARDER	Andover Hills		21/04/2020 23:03:56	(empty)	(empty)	21/04/2020 15:04:01
INC014922	Stavros KEMENIS	ITSLAB	Service Degradation	Not blocking	Assigned	L2 support/TicketMts	SIMON ESCOFFIER	Litorea	21/04/2020 14:40:05	(empty)	(empty)	21/04/2020 15:04:12
INC014921	Alexandre GUYON	ITSLAB	Need Information	Not blocking	Assigned	L2 support/TicketMts	SIMON ESCOFFIER	Litorea	21/04/2020 14:26:52	(empty)	(empty)	21/04/2020 14:46:49
INC014920	Bernard GUYOT	VALCO 24	Service Degradation	Not blocking	Assigned	L2 support/TicketMts	SIMON ESCOFFIER	Cordill	21/04/2020 13:39:01	(empty)	(empty)	21/04/2020 13:39:59
INC014919	Stavros KEMENIS	Mitsubishi Heavy Industries, Ltd.	Need Information	Not blocking	New	L2 support/TicketMts	(empty)	Bozovic	21/04/2020 09:52:23	(empty)	(empty)	21/04/2020 09:58:27
INC014918	Richard SCHMIDT	NEXIO Technologies	Need Information	Not blocking	Assigned	L2 support/TicketMts	Sébastien MONTMAYEU	Buckfield,sm Bodensee	21/04/2020 16:54:31	(empty)	(empty)	21/04/2020 09:53:44
INC014914	Math BERGER	SMA Solar Technologies AG	Report Template	Not blocking	Assigned	L2 support/TicketMts	Arsenal BRINGS	Wessental	21/04/2020 12:40:58	(empty)	(empty)	21/04/2020 16:38:12
INC014916	Stavros KEMENIS	TURKISH AIRWAYS	Driver	Not blocking	Customer Action Handled	L1 support/TicketMts	Sébastien ESCOFFIER	Abate	21/04/2020 08:46:15	(empty)	(empty)	21/04/2020 13:29:44

Thank you for your participation !

Any questions ?

