

SMARTLAB COCKPIT V1.0

Overview

SmartLab Cockpit V1.0 Overview

Motivation



MOTIVATION

Bringing in connected view of Lab Infrastructure Utilization , Planning and Ordering which facilitates in optimizing Lab investments

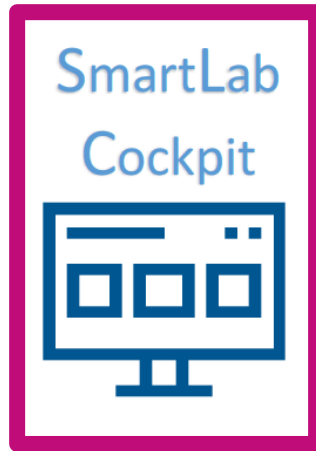


BENEFITS

1. Stakeholders have a transparent view of infrastructure investments & utilization
2. Live Monthly Status Report

SmartLab Cockpit V1.0 Overview

What is SmartLab Cockpit ?



Test Infra Utilization

Source: SmartLab Reporting



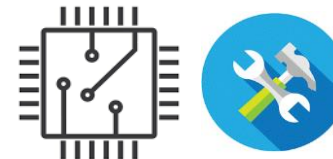
Purchase Order

Source : Bonaparte



Hardware Damage

Source: SmartLab HW Damage Master Report



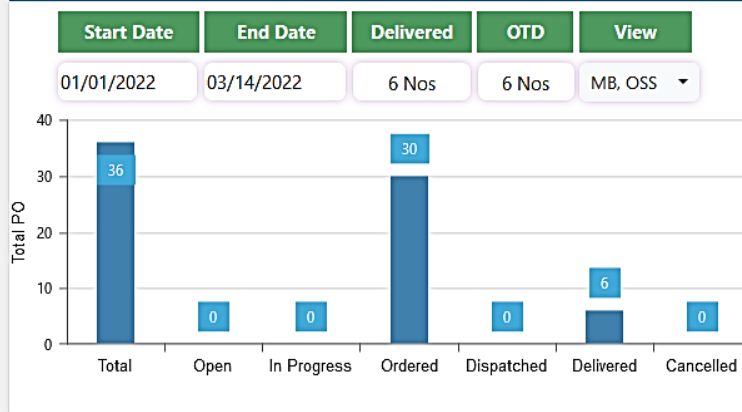
SmartLab Cockpit V1.0 Overview

Landing Page

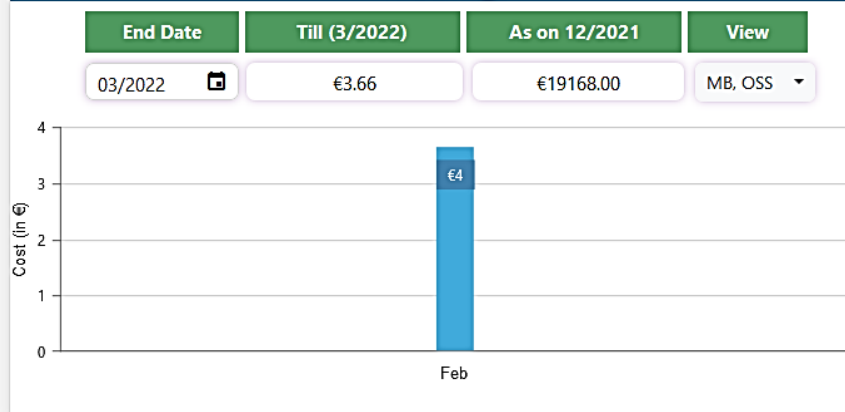
Test Infra Utilization

Start Date	End Date	Location	View
01/01/2022	03/14/2022	Cob, Ban	MB, OSS
	Ban	Cob	Total
ACUROT	0.00%	60.79%	60.79%
CCHIL	55.92%	67.98%	62.62%
CCSIL	0.00%	10.74%	10.02%
CS1000	1.44%	3.16%	2.87%
MLC	9.35%	0.00%	9.34%

Purchase Order



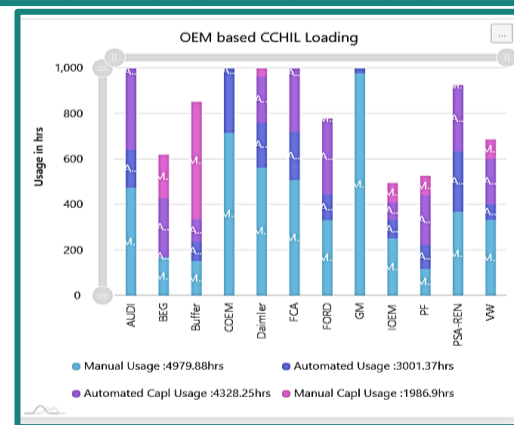
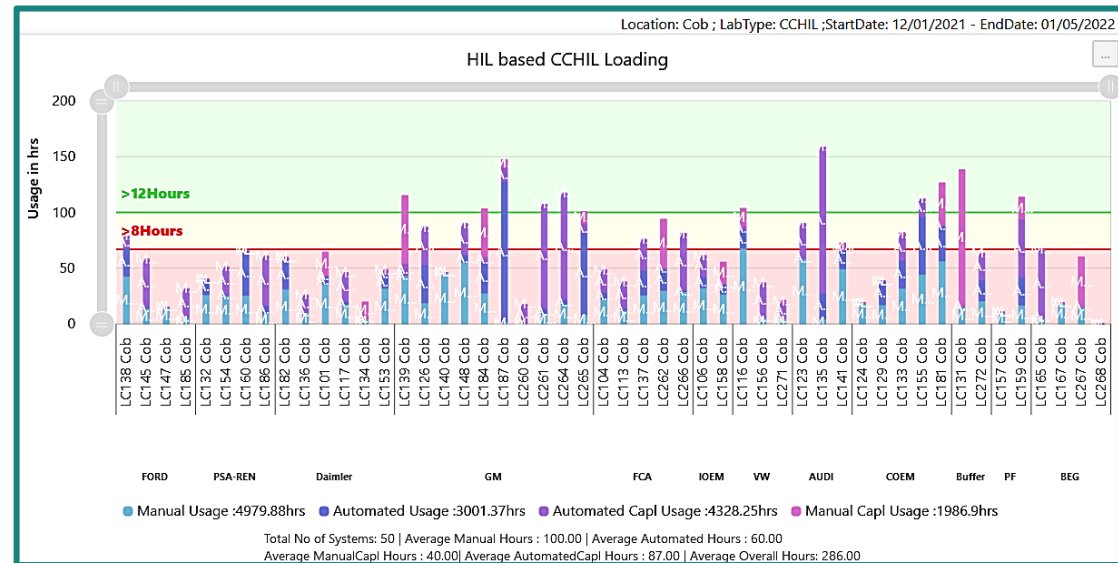
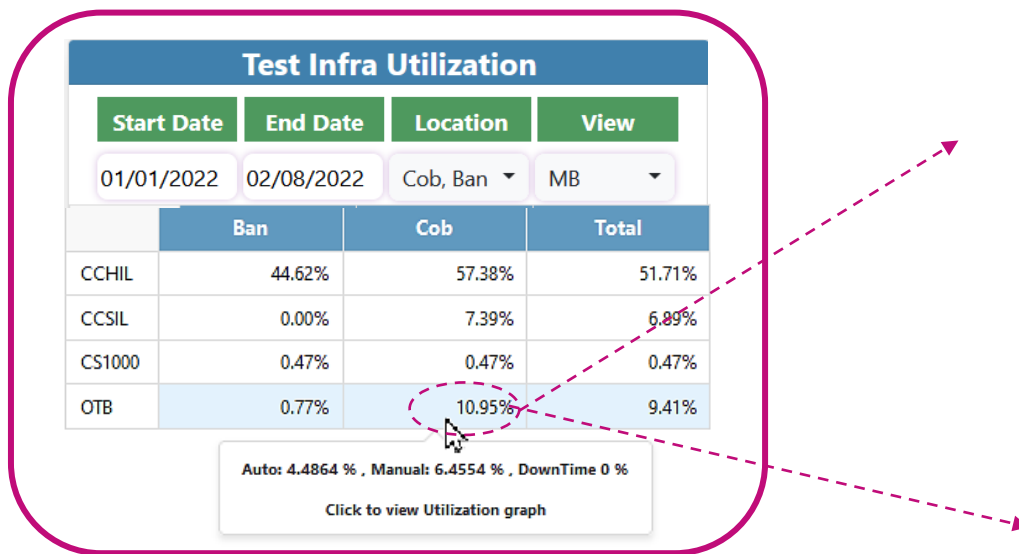
HW Damage



SmartLab Cockpit V1.0 Overview

Test Infra Utilization

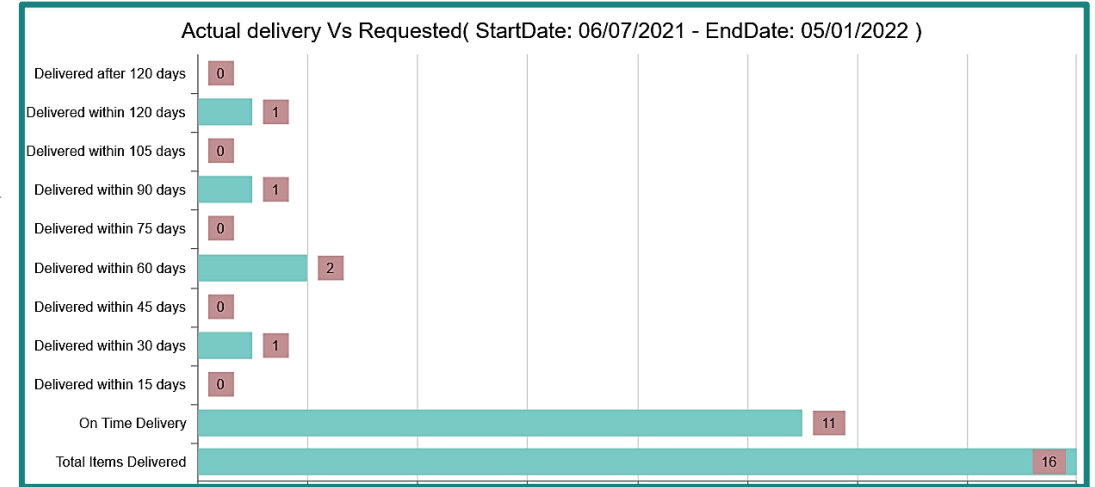
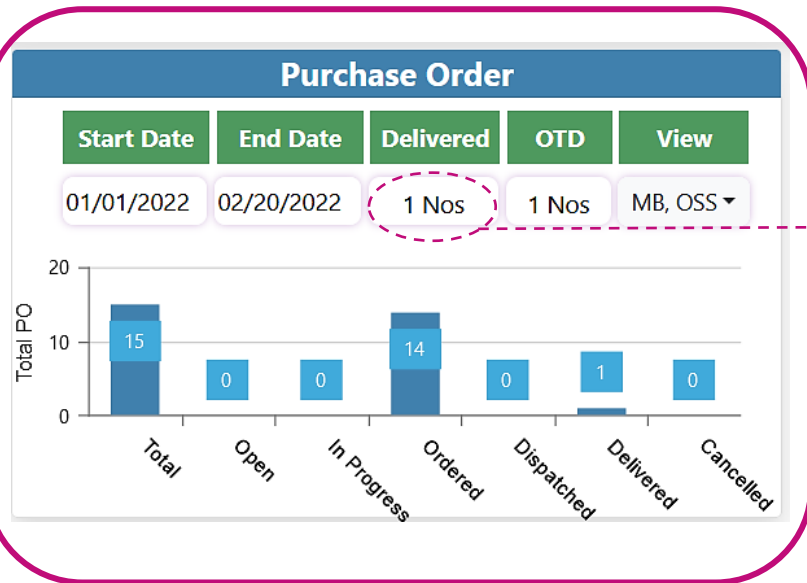
- Test Infra Utilization gives the average loading of HILs
- To view the HIL and OEM based utilization, click on a specific average utilization



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Purchase Order

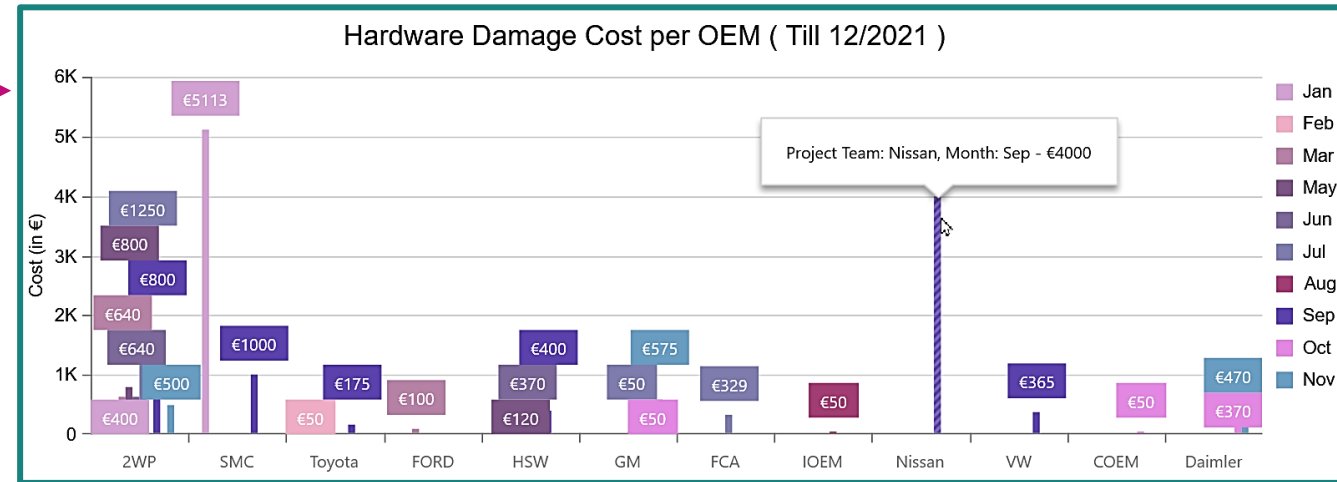
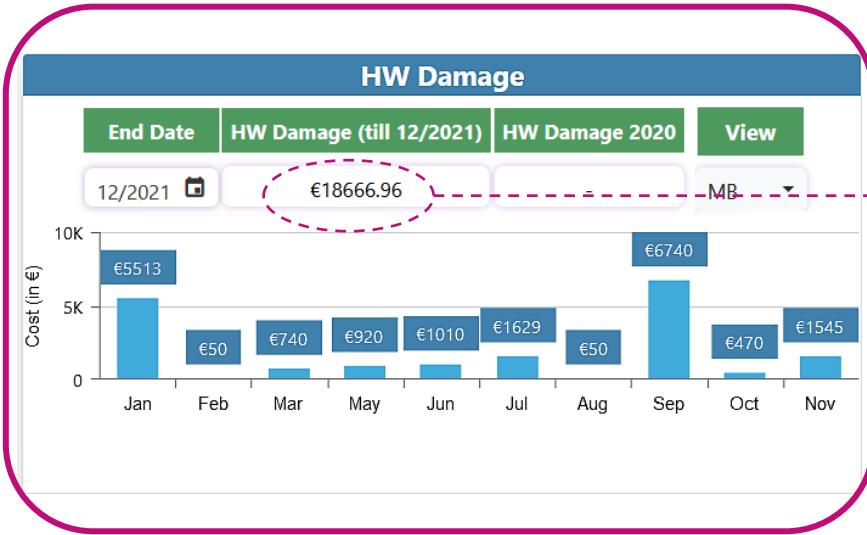
- Purchase Order gives the summary of PO metrics
- To view the statistics of Actual delivery vs Requested, click on the “Delivered” totals



SmartLab Cockpit V1.0 Overview

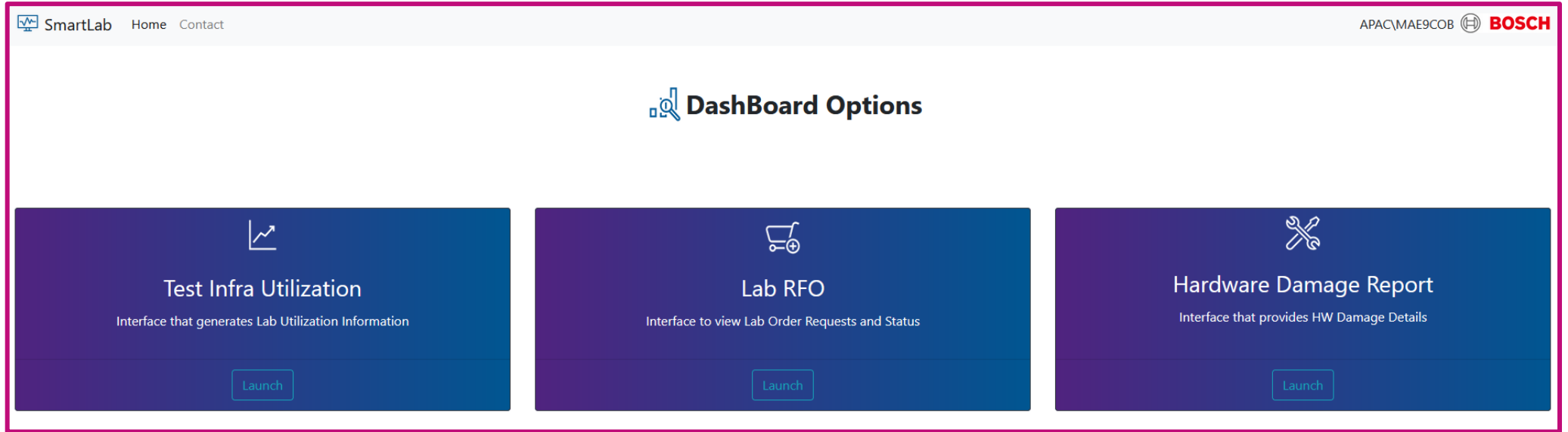
Hw Damage

- HW Damage gives the month based and OEM based grouping of HW Damage Cost



SmartLab Dashboard V1.0 Overview

Landing Page



SmartLab Dashboard V1.0 Overview

Test Infra Utilization

- Test Infra Utilization gives the Test System Overall Usage and Individual Usage

User Inputs

Start Date:

End Date:

Lab ID:

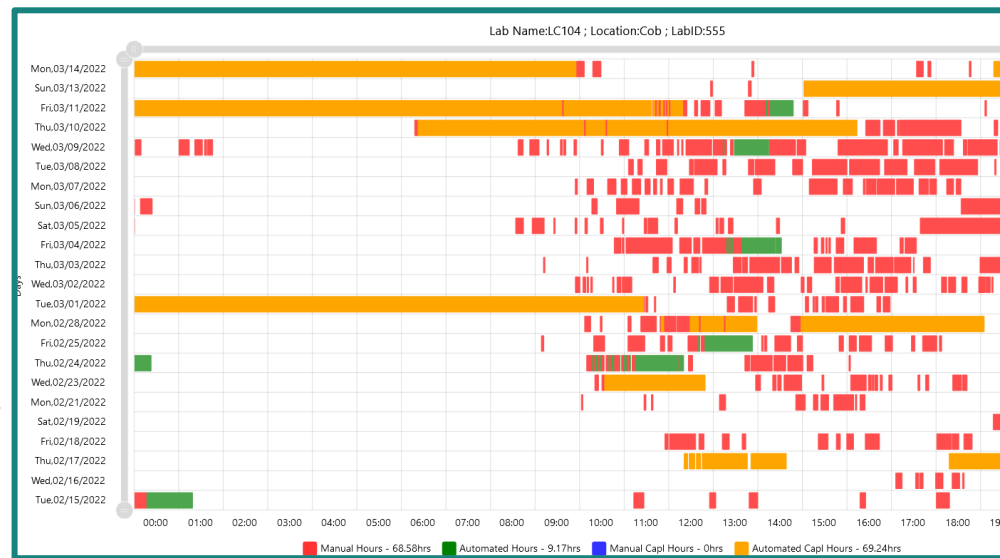
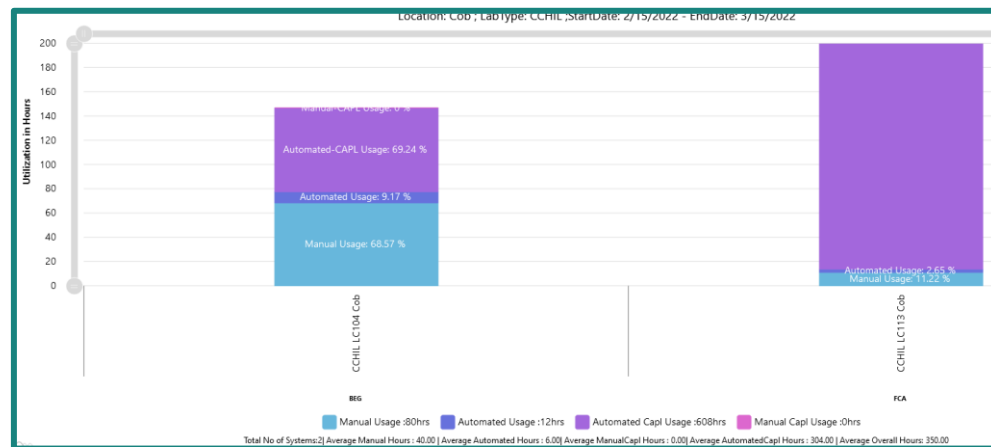
TSOU

(Test System Overall Usage)



TSIU

(Test System Individual Usage)



SmartLab Dashboard V1.0 Overview

Lab RFO

- Lab RFO gives the procurement details of the Order Requests for tracking status updates

BU	OEM	Dept	Group	Item Name	Reviewed...	Reviewe...	Order Date	PORemarks	Order Status	Fund
(...)	(All)	(All)	(All)	(All)	🔍	🔍	🔍 📅	🔍	(All)	(All)
MB	ALL	MS/ESP-IS...	MS/ESP-IS...	RTPC	25	\$100,625.00		15 - BAN & 10- COB	In Progress	F02
MB	ALL	MS/ESP-IS...	MS/ESP-IS...	CCHIL New System	4	\$463,020.00	2/12/2022	IPB Configuration ...	Ordered	F02
MB	ALL	MS/ESP-IS...	MS/ESP-IS...	ES4441	1	\$0.00				F02
MB	ALL	MS/ESP-IS...	MS/ESP-IS...	Power supply-Delta	10	\$41,300.00				F02
MB	ALL	MS/ESP-IS...	MS/ESP-IS...	EA Power Supply-EA-2342-1...	10	\$9,240.00				F02
MB	ALL	MS/ESP-IS...	MS/ESP-IS...	Consumables like Patch cor...	1	\$18,000.00	2/11/2022	Realy for Auto-shu...	Delivered	F02
MB	ALL	MS/ESP-IS...	MS/ESP-IS...	Lab spares - HIL cards and A...	1	\$139,296.00				F02
MB	ALL	MS/ESP-IS...	MS/ESP-IS...	Calibration of lab Instruments	1	\$6,000.00				F02

SmartLab Dashboard V1.0 Overview

Hw Damage Report

- HW Damage Report provide the item based details of HW Damages

Month

	BU	Year	Location	Item Name	Qty	OEM	Hw status	Cost (in €)	Total Price (in €)
	(A	(All)	(All)	(All)		(All)	(All)		
Month: Jul									
	MB	2021	Cob	GIO APB add-on card Module	1	GM	Repairable	50	50
	MB	2021	Cob	Labcar ET cards-PSC	1	2WP	Repairable	850	850
	MB	2021	Cob	VN7610	1	FCA	Repairable	329	329
	MB	2021	Ban	Generic harness	1	2WP	Repairable	400	400
	MB	2021	Cob	Failure Simulation Box-IB2	1	CEVT	Repairable	500	500
Month: Aug									
	MB	2021	Cob	GIO APB add-on card Module	1	IOEM	Repairable	50	50
Month: Sep									
	MB	2021	Cob	EA Power Supply-EA-2342-1...	1	VW	Repairable	365	365
	MB	2021	Ban	IIS_MM8_SIM box	2	SMC	Repairable	500	1,000

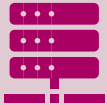
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Contact SPOC Team for questions



SPOCs

Dinesh Kumar Mani (MS/ESP-IS5-CC)



Tool & Process queries

Smart Lab Tools Team

Cob_RBEI_SmartLabDevTeam@bcn.bosch.com

THANK YOU