

Mapping of portal features to existing applications

https://gard.telekom.de/gard/browse/AUTOLAB-1576


 **AUTOLAB-1565** - Meetings about current Lab-tools Closed

The purpose of this document is to map the identified lab-functionality to existing tools.

Questions for status meeting:

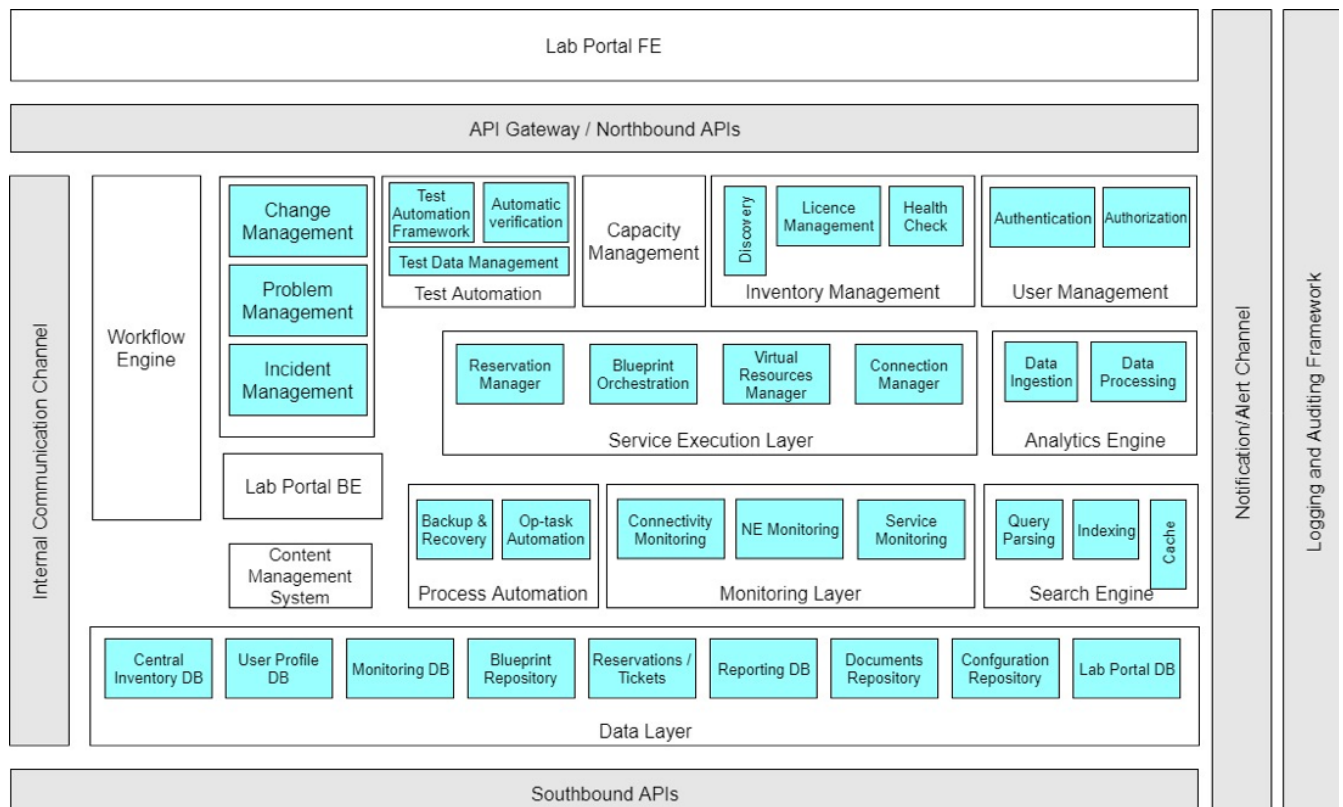
☐ Any missing functions/modules?

Priority	Function /Module	Bonn	Nurnberg	Nurnberg MuTuV	BC Option B	BC Option C	JSD Support	Related epic(s) and stories	Integration	Details on Architecture	Comment
HIGH	Log-in/IAM, Authentication	<ul style="list-style-type: none">- ngWorm: ngWorm specific accounts and perms.- factory self services: at present ngWorm accounts but migration to TF AD planned.- Wiki /webdav share: TF AD- many applications (OpenVPN, proxy, ...) : TF AD- Polystar tracing, Patchtool, Solarwinds: local app. Specific accounts	<ul style="list-style-type: none">- ngWorm: ngWorm specific accounts and perms.- GARD /GARD Service Desk log-in (ZAM account necessary)- Service Cloud: AD in Nuremberg- FNT Command, Velocity: Specific Accounts and permissions	Access should be controlled through group-access in AD or similar. Users should not be handled in Jira user-directory	GARD with ZAM		Access should be controlled through group-access in AD or similar. Users should not be handled in Jira user-directory	<div><input checked="" type="checkbox"/> AUTOLAB-1 Registration - No clear procedure for cross border lab service connectivity Todo</div> <div><input type="checkbox"/> AUTOLAB-1243 - JOB1-1. US.001 -The lab Lab Universal Portal on registration will require guest registration data according security policy and GDPR. - Portal Closed</div>		<input type="checkbox"/> What is used for this in DT today? Is it common for the whole organization?	
	Search	Test Facility Wiki	Confluence in preparation, depends on release note from Workers Council		GARD		<ul style="list-style-type: none">• Confluence is one of the locations which should be searched				<input type="checkbox"/> Any generic search-framework /application used today in DT?
	Dashboard /status	<ul style="list-style-type: none">ngWorm for workorders, change requests, incidents and IPC.WSQM for services	<ul style="list-style-type: none">Up to now ngWorm for workorders, change requests and incidents.GARD and GARD Service Desk in preparation, depends on release note from Workers Council.		GARD		Some dashboard features can be supported by Jira /Confluence				<p>The Jira /Confluence dashboard /report features could be leveraged for part of this functionality.</p> <p>The EazyBi plugin could be used to collect info from different sources, this would be displayed inside Jira Dashboards or Confluence</p>

	Workflow Engine	- ngWorm for workorders, change requests, incidents and IPC	Up to now ngWorm for workorders, change requests and incidents. GARD and GARD Service Desk in preparation, depends on release note from Workers Council		GARD					<div>  <p>How do we define this? Is it ok to assume that workflow and automation may be split between applications?</p> <p>What is your opinion Sobot, Vatroslav?</p> <p>From Lab portal perspective, I put internal, portal workflow engine that will orchestrate portal microservices with business logic inside that will communicate with external systems via southbound API interface (Lab Portal HLD#PortalArchitecture). Do not know if any common Workflow engine exists.</p> </div>
	Notifications	ngWORM (status updates, planned & unplanned outages)	Via e-mail and TCT-Homepage		GARD		The JSD/Jira notification scheme should be utilized when appropriate			
	Service Requests	ngWORM	Up to now ngWORM, GARD and GARD Service Desk in preparation, depends on release note from Workers Council.		GARD		Core functionality			
	Self Services	Automation Services Factory: - factory self services for : virtual workstations, DNS-entries, Polystar tracer account, OpenVPN remote access, AD accounts & permissions, NoMachine Jumpshot accounts, AD and NoMachine password reset, IPC status	TCT Homepage section Tools		GARD + existing tools		Partial implementation possible			
	Change Management	Sharepoint (for limited services only)	Sharepoint (for limited services only)		GARD		Core functionality		CMDB	Check this

	Problem Management	in scope of an incidents there are 4 different categories to be filled in for the root cause analysis. But no further analysis of this data is being done at the moment.	In scope of incidents in ngWORM there are 4 different categories to be filled in for the root cause analysis. But no further analysis of this data is being done at the moment. Not in scope of our GARD /GARD Service Desk implementation up to now.		GARD		Core functionality				
	Incident Management	ngWorm	ngWORM in use up to now. GARD/ GARD Service Desk in preparation, depends on release note from Workers Council.		GARD		Core functionality	 AUTOLAB-7 - Ticketing and communication towards other system Todo			
	Test automation:	main tools used by TF customers: <ul style="list-style-type: none"> Automatic verification Test automation framework 	- Spirent Velocity is used for LaaS in one specific lab. Other test tools from Spirent and IXIA are used by the testers from technical tribes. vTestCenter - MarcGyver for fixed line in preparation	existing tools			Out of scope		JSD	This is automation of tests based on blueprints, <u>not</u> software testing <input type="checkbox"/> Two different products used in Nurnberg <input type="checkbox"/> Spirent Dashboards may also be relevant for the Dashboard component	
	Capacity management	Booked ngWorm for limited technical resources that cannot be shared	FNT Command (in preparation)	booking plugin for GARD (inhouse dev. For technical resources that cannot be shared)			Not possible in Jira		CMDB/Asset mngt.	<input type="checkbox"/> This includes calendar /booking?	
	Inventory management (including discovery)	ngWorm has the complete list of technical resources (on booking level but not on the more detailed asset management level), no discovery. Patchtool is being used for cabling documentation e2e.	FNT Command (in preparation)	GARD + Insight plugin			<ul style="list-style-type: none"> No asset-management plugin (Insight) No plugin to connect to DB (Nfeed) One or more plugins needed to cover this.		JSD: A basic integration for updating a field with a reference would be minimum	FNT command: Cable management	
	Discovery		JDISC (in preparation, test is running for one specific area in the lab)								
	Asset management	ngWORM on level on bookable resources but not on asset bookkeeping level. No tool based solution for license management (ALM for unix /windows ?). All assets since 2012 are in a order database	SAP, FNT Command in conjunction with Jdisc could be used for asset management.							<ul style="list-style-type: none"> Dashboards? 	

	Analytics	there are some automated charts available for throughput of requests and average lead time	PoC "Fault Detection using Data Analytics and Machine Learning" with Nagarro				EasyBI is an option in Jira <input type="checkbox"/> Check status for plugin				
	Process automation:	B&R: solarwinds for network elements OPS: mentioned above under self service tools	B&R: solarwinds for specific network elements OPS: password reset for AD in Nuremberg already automated								
	Monitoring:	CM: solarwinds NEM: vendor specific OMCs, solarwinds, Nagios ? SM: WQSM service monitoring	CM: Check-MK NEM: vendor specific OMCs and Check_MK SM: For IMS with protocol testers and simulators in place, provided by the technic tribe								
	IP-Connectivity	ngWORM IPC	xls sheet (from live)								



Available epics:

T	Key	Summary	As signee	Report er	P	S tatus	Re solution	Cr eated	U pdated	D ue
---	-----	---------	--------------	--------------	---	------------	----------------	-------------	-------------	---------

<input checked="" type="checkbox"/>	AUTO LAB-24	High Level Overall ALaaS Solution Design and Portal, Monitoring and LaaS Architecture Design	Unassigned	Ungureanu , Nicoleta	↑	To do	Unresolved	Oct 14, 2019	Dec 13, 2019
<input checked="" type="checkbox"/>	AUTO LAB-9	In case of outage spare parts need to be available	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 29, 2019	Oct 21, 2019
<input checked="" type="checkbox"/>	AUTO LAB-8	Automation on ops routine tasks	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 29, 2019	Oct 21, 2019
<input checked="" type="checkbox"/>	AUTO LAB-7	Ticketing and communication towards other system	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 29, 2019	Oct 29, 2019
<input checked="" type="checkbox"/>	AUTO LAB-6	Commitment on delivery timeline for connectivity	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 29, 2019	Nov 26, 2019
<input checked="" type="checkbox"/>	AUTO LAB-5	Important DC network to be managed as well for test systems	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 28, 2019	Oct 21, 2019
<input checked="" type="checkbox"/>	AUTO LAB-4	Start validating at earliest possible point in time	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 28, 2019	Oct 21, 2019
<input checked="" type="checkbox"/>	AUTO LAB-3	Sharing announcements for new releases	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 28, 2019	Oct 21, 2019
<input checked="" type="checkbox"/>	AUTO LAB-2	Configuration info sharing & support	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 28, 2019	Nov 26, 2019
<input checked="" type="checkbox"/>	AUTO LAB-1	No clear procedure for cross border lab service connectivity	Unassigned	Ungureanu , Nicoleta	↘	To do	Unresolved	Aug 28, 2019	Dec 05, 2019

10 issues