

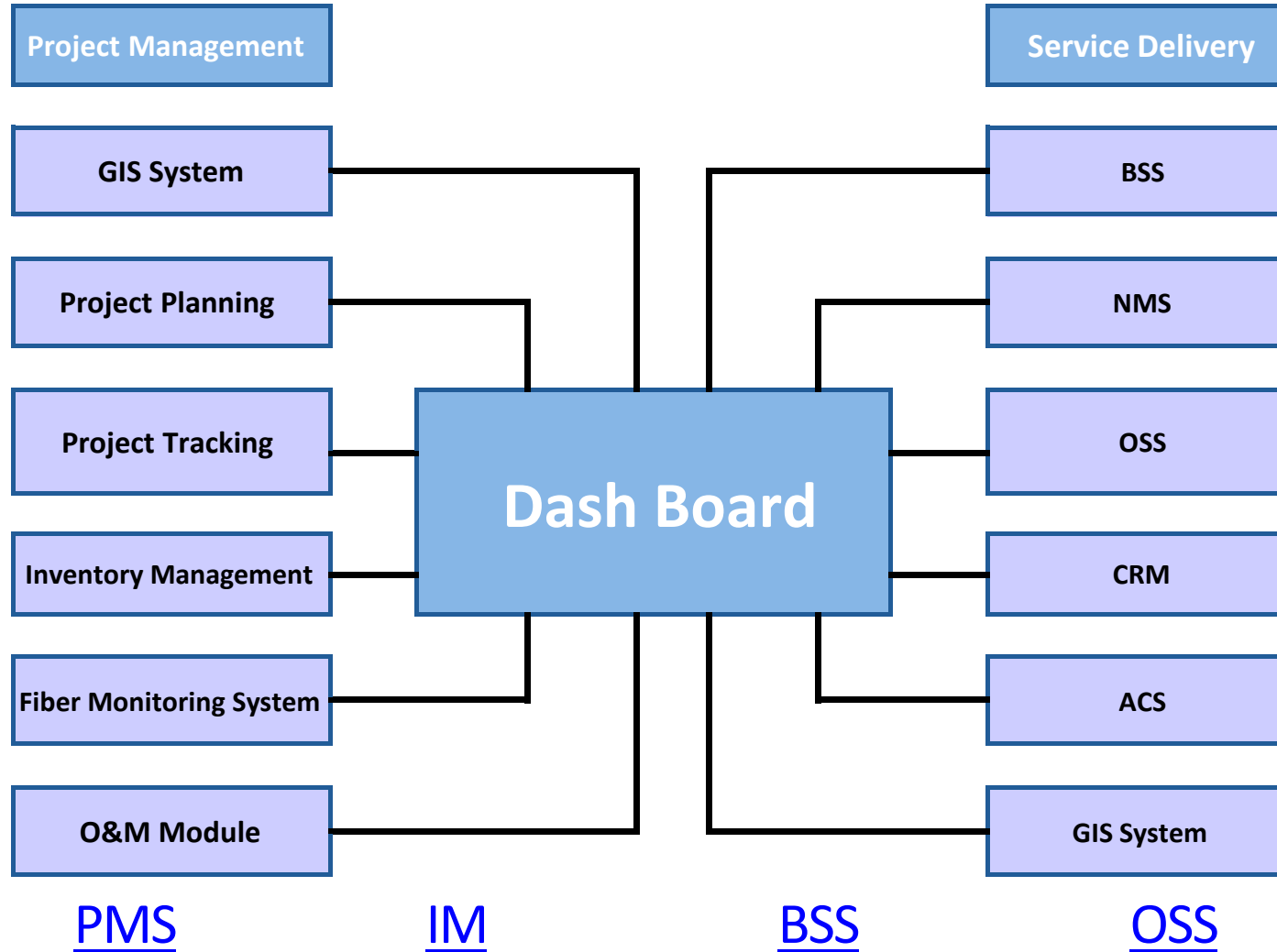


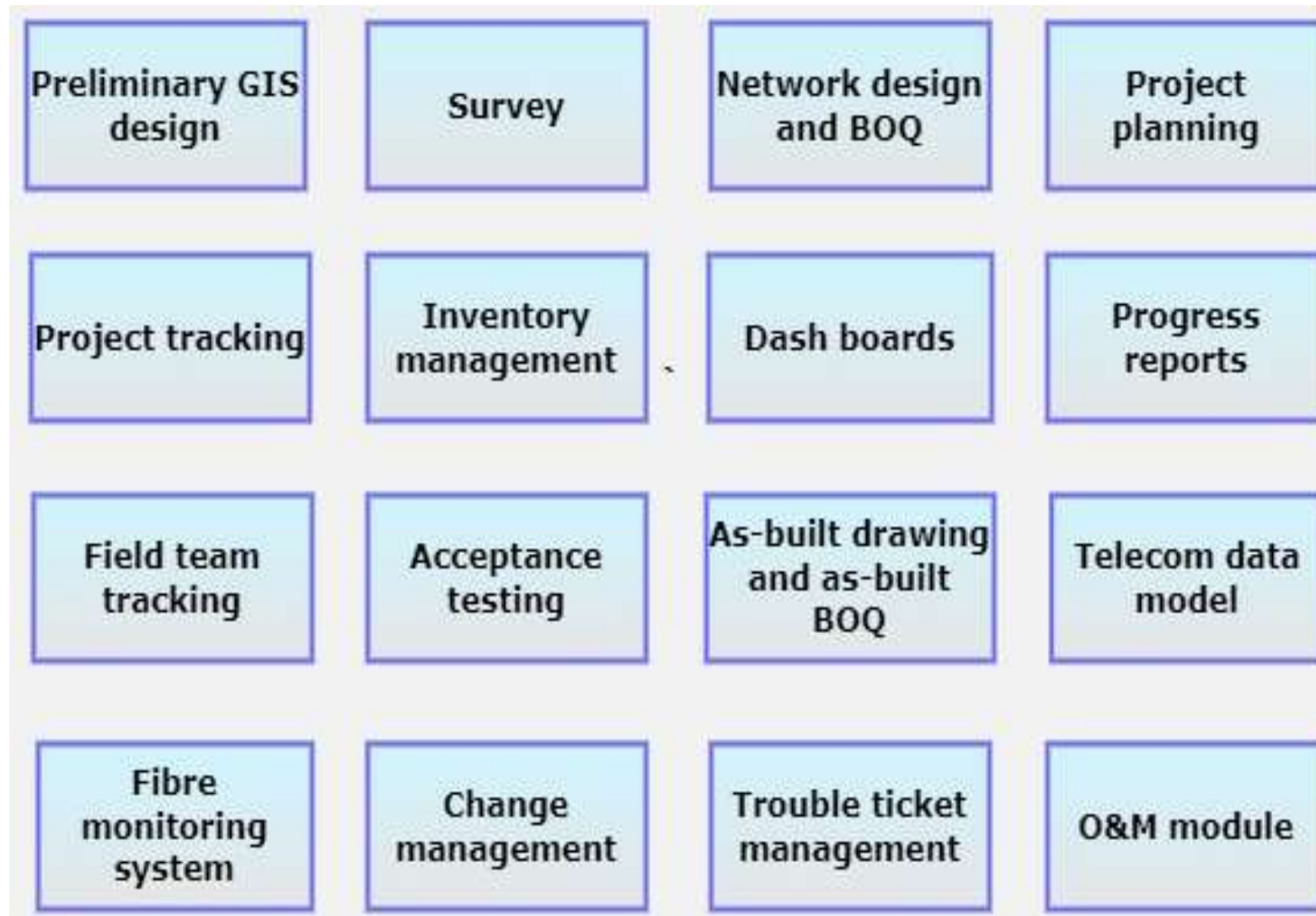
SRIT IPDP

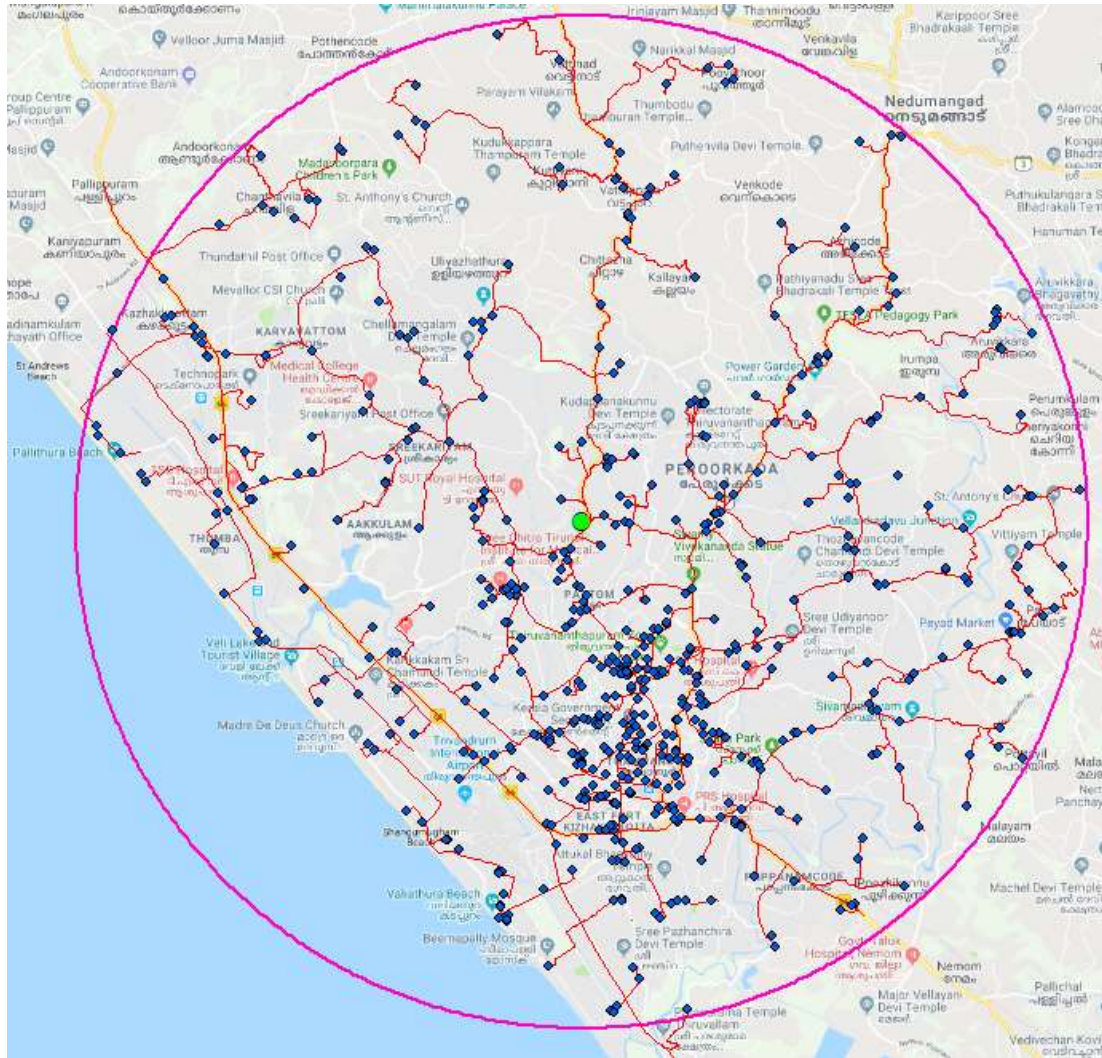
Infra Project
Delivery Platform

Solution Brief

SRIT







- The CSV file for Lat/long for POPs & end offices can be uploaded to the system
- With these locations as well as the Road Network data, the preliminary route can be generated

Step I

Primary and secondary data collection

1. End office Location survey

References:

- ❖ GPS Survey of end office location
- ❖ Google based POI

2. Road network data collection

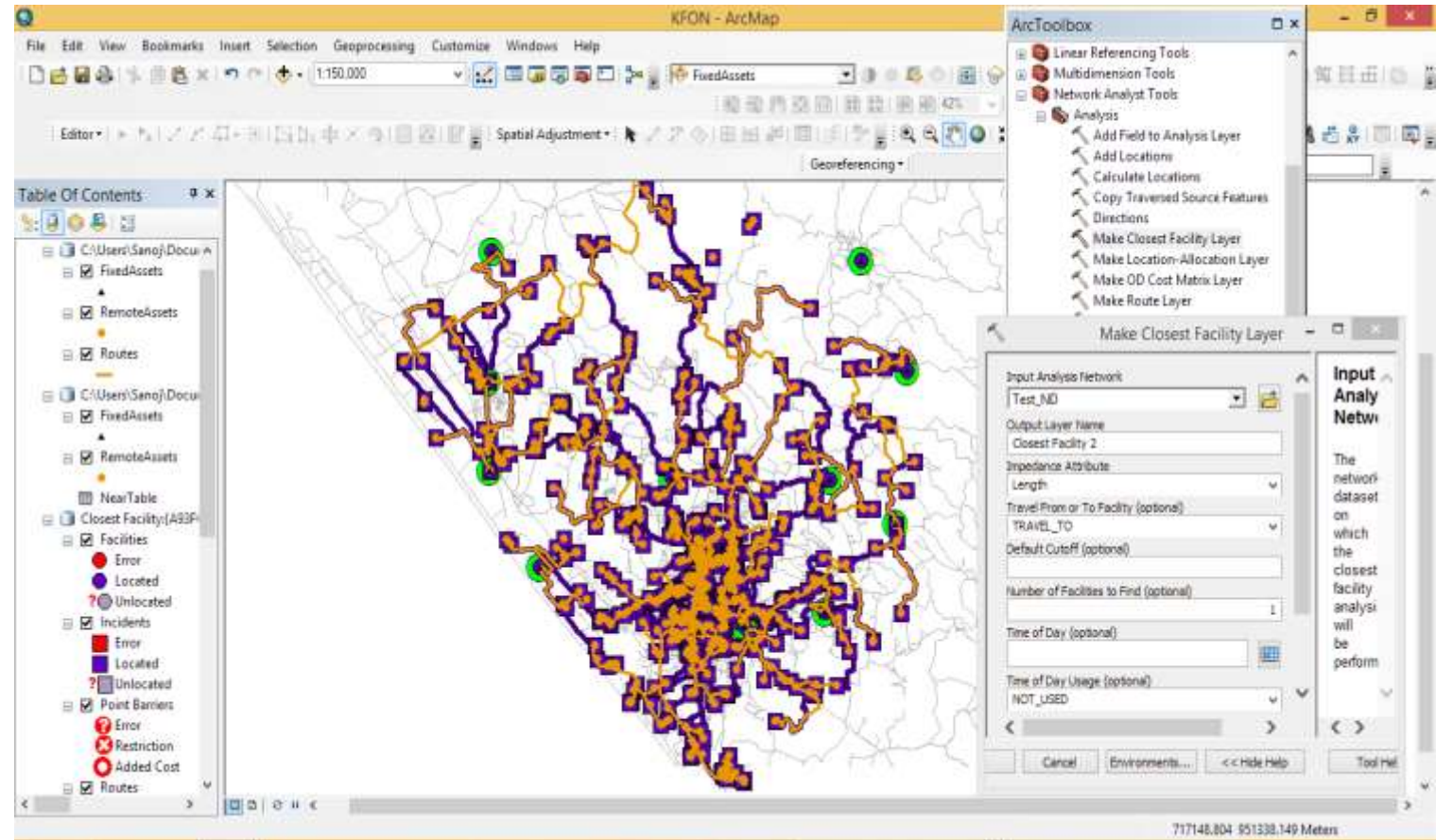
References:

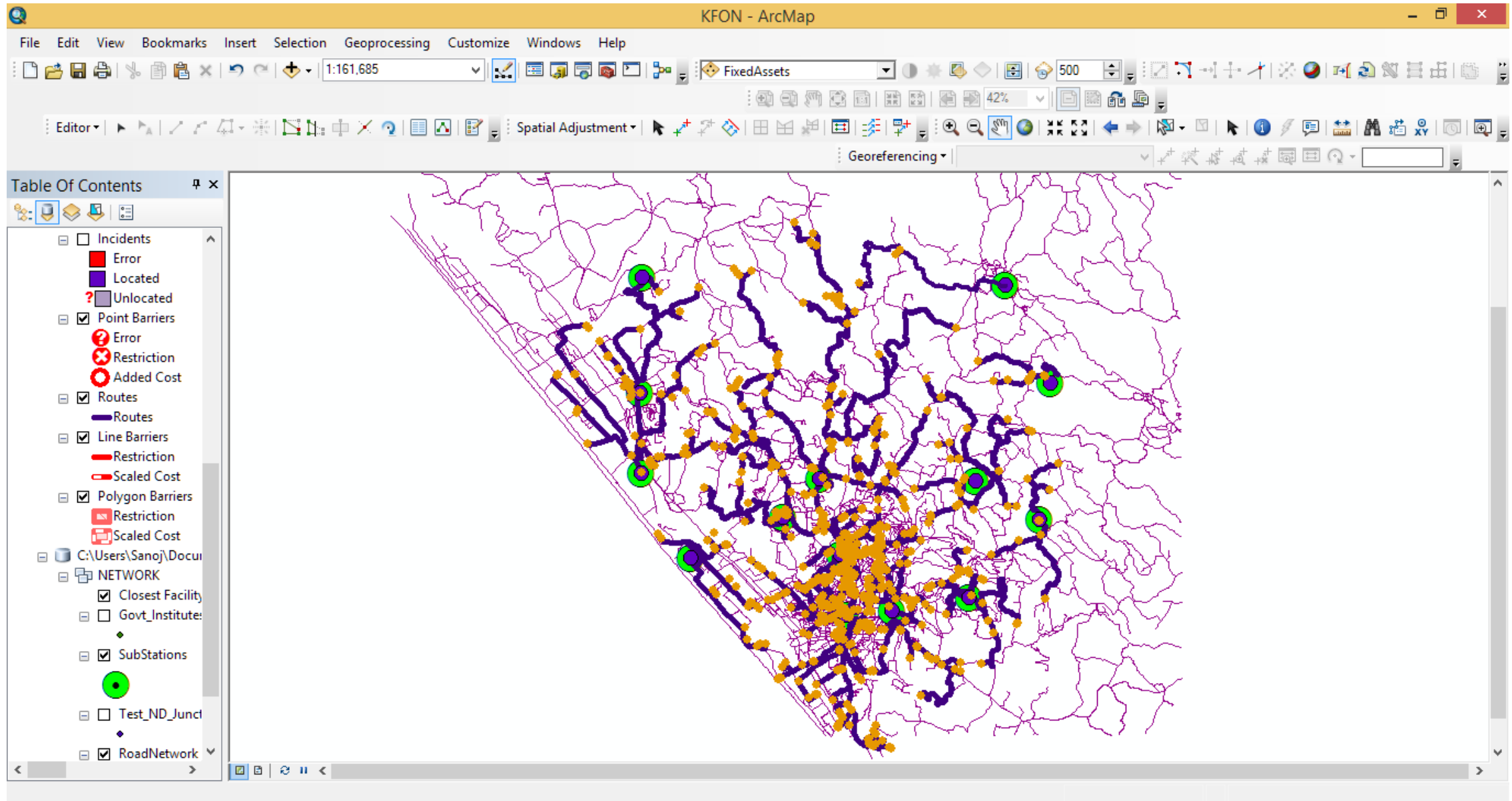
- ❖ OSM (Open Street Map) data
- ❖ Google based road network

Step II

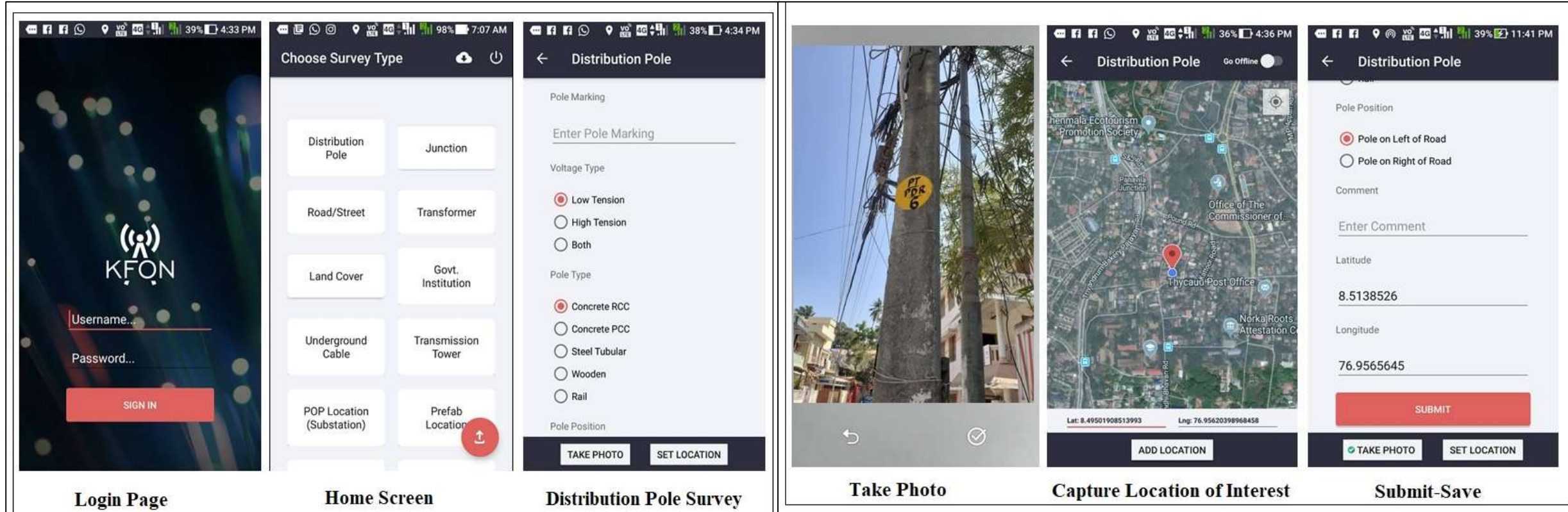
Survey route optimisation

Methodology – Backhaul Optimisation method



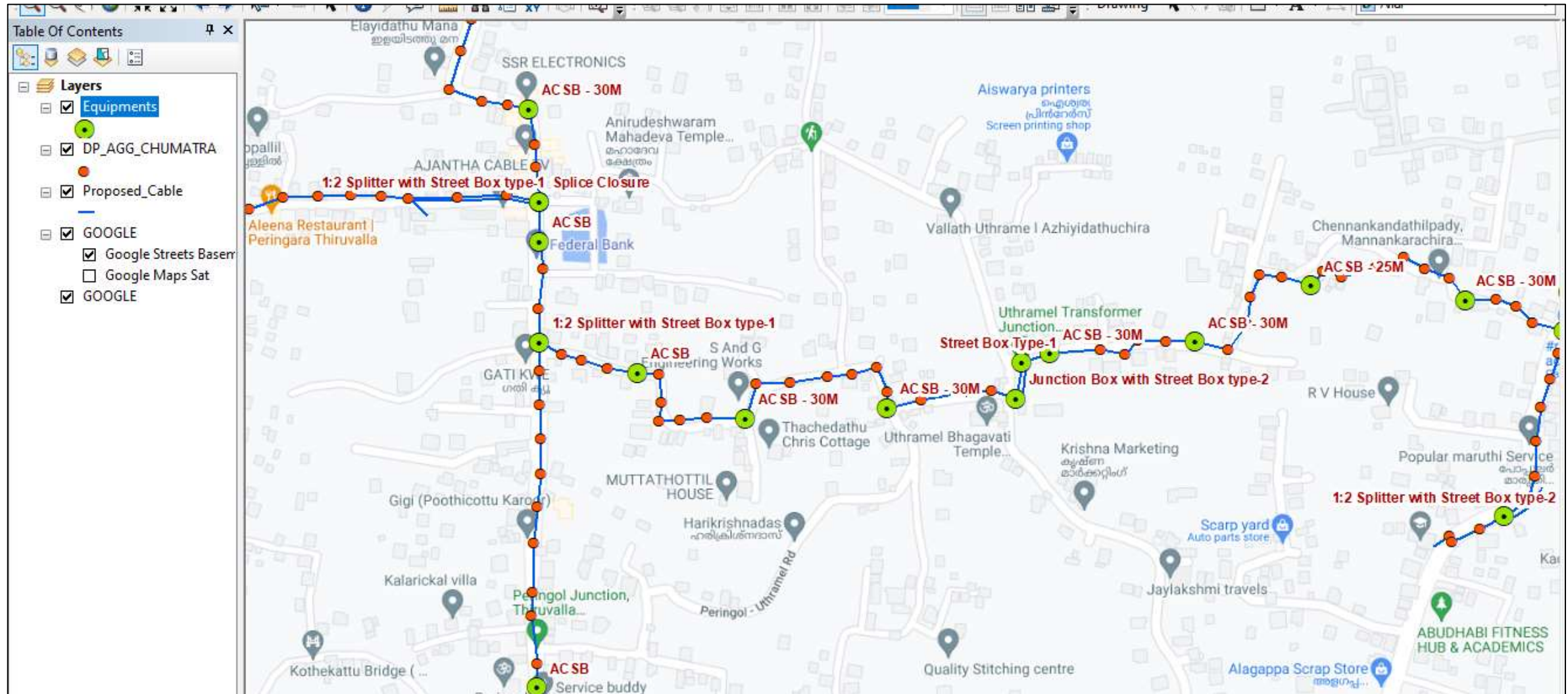


- GPS Enabled ground survey for capturing the location (latitude/longitude) as well as the attribute details for POP Locations, end offices & the poles on which the fiber is to be laid
- The survey will be done with an in-house developed Mobile Application
- The Mob Application has the Auto Sync capability. So the data captured from the field will be updated on the server
- Once the survey is over, the data will be brought to the GIS platform for further QA/QC





- The network design will be done on the GIS Platform as per the standard GPON Guidelines
- The location data of POP, poles and the end office will be brought to the GIS platform for the network design
- The locations for accessories like street box, splitter, ACSB, tension & suspension clap etc. will be fixed in the network design
- All the designs will be prepared keeping the required signal strength at each OLT
- Once the network design is finalized, the planned BOQ will be derived from the same



- The planned BOQ will be generated from the network design
- The planned BOQ will have the quantities of fiber and the other network components like Street box, Splitter, ACSB, ONT, OLT etc.

Bill of Quantity			
Sl No.	Item	Unit	Quantity
1	48F ADSS fiber optic cable with 100 Kmph	KM	10.70
3	24F ADSS fiber optic cable	KM	3.20
4	12F ADSS fiber optic cable	KM	26.00
5	PLB HDPE pipe	KM	0.83
6	1:2 Optical Splitter	Nos.	38
7	1:4 Optical splitter	Nos.	10
8	1:8 Optical splitter	Nos.	2
9	Street Box Type I - (Branch Joint Closure)	Nos.	42
10	Street Box Type II - (FTB Type II)	Nos.	16
11	Anchoring / Tensioning clamp assembly for the poles	Nos.	285
12	Suspension clamp assembly	Nos.	660
13	Adjustable Cable Storage Bracket Assembly	Nos.	118
14	Down Lead Clamps Assembly	Nos.	118
16	4F fiber optic drop cable	KM	6.30
17	Anchoring / Tensioning clamp assembly for the poles	Nos.	91
18	Suspension clamp assembly	Nos.	85
19	Anchoring bolt	Nos.	69
20	Cross arm	Nos.	880
21	8 port GPON OLT	Nos.	1
22	GPON ONT	Nos.	69
23	FTB Type I at end office	Nos.	69
24	600 VA UPS with 15 min Battery backup to be supplied along with the enclosure	Nos.	69
25	2x5 way 5 amp PDU	Nos.	69
26	9U Network Rack 19" with provision to mount the ONT	Nos.	69
27	8m support pole insertion	Nos.	3
28	9m to A pole Conversion	Nos.	1

Project Planning - WBS

Owner Name ▾	MsType ▾	Task Name ▾	Duration ▾	Start ▾	Finish ▾	Predecessors
		▸ KFON Project	1043 days	Thu 18-05-17	Wed 04-11-20	
		▸ Preliminary Works	722 days	Thu 18-05-17	Sat 28-09-19	
		▸ Survey, Design and BoQ Approval	281 days	Tue 12-03-19	Sat 29-02-20	
		▸ NOC	117 days	Wed 01-01-20	Fri 22-05-20	
	CR	▸ Core Ring	397 days	Sat 09-03-19	Thu 16-07-20	
	CR	▸ Material Supply, Inspection, Approval & Payment Release-Pkg A-IT/Non-IT-MS-CR1.1	64 days	Thu 06-02-20	Fri 24-04-20	
	CR	▸ Material Supply-Pkg A-IT/Non-IT-MS-CR1.1	30 days	Thu 06-02-20	Thu 12-03-20	
	CR	Material Supply-Pkg A-IT/Non-IT-MS-CR1.1	31 days	Thu 06-02-20	Thu 12-03-20	40FS+80 days,48FS+95 days
	CR	▸ Material Inspection & Approval-Pkg A-IT/Non-IT-MS-CR1.1	6 days	Fri 13-03-20	Thu 19-03-20	
	CR	Request for Material Inspection Approval to PMU-Pkg A-IT/Non-IT-MS-CR1.1	3 days	Fri 13-03-20	Mon 16-03-20	144
	CR	Approval for Material Inspection by PMU-Pkg A-IT/Non-IT-MS-CR1.1	6 days	Fri 13-03-20	Thu 19-03-20	146FF+3 days
	CR	▸ Release of Payment-Pkg A-IT/Non-IT-MS-CR1.1	28 days	Fri 20-03-20	Fri 24-04-20	
	CR	Submission of Invoice-Pkg A-IT/Non-IT-MS-CR1.1	6 days	Fri 20-03-20	Thu 26-03-20	147
	CR	Acceptance of Invoice-Pkg A-IT/Non-IT-MS-CR1.1	25 days	Fri 27-03-20	Fri 24-04-20	149
	CR	Payment Release-Pkg A-IT/Non-IT-MS-CR1.1	0 days	Fri 24-04-20	Fri 24-04-20	150
	CR	▸ Installation, Testing, Approval & Payment Release-Pkg A-IT/Non-IT-IN-CR1.2	128 days	Thu 13-02-20	Thu 16-07-20	
	CR	▸ Installation-Pkg A-IT/Non-IT-IN-CR1.2	128 days	Thu 13-02-20	Thu 16-07-20	
	CR	▸ CP001TVM-Paruthippara-Pkg A-IT/Non-IT-IN-CR1.2	128 days	Thu 13-02-20	Thu 16-07-20	
DC.TVM	CR	CP001TVM-Paruthippara-Phase I-Installation-IN-CR1.2	24 days	Fri 13-03-20	Thu 30-04-20	144
RLDC.Z1	CR	CP001TVM-Paruthippara-Phase II-Installation-IN-CR1.2	12 days	Sat 02-05-20	Thu 16-07-20	155,66
CTDC.TVM	CR	CP001TVM-Paruthippara-OLT Installation-IN-CR1.2	6 days	Sat 02-05-20	Fri 08-05-20	155,66
CTDC.TVM	CR	CP001TVM-Paruthippara-EO Device Installation-IN-CR1.2	25 days	Thu 13-03-20	Thu 26-03-20	55,144FS+15 days

WBS - BOQ & Resource Allocation

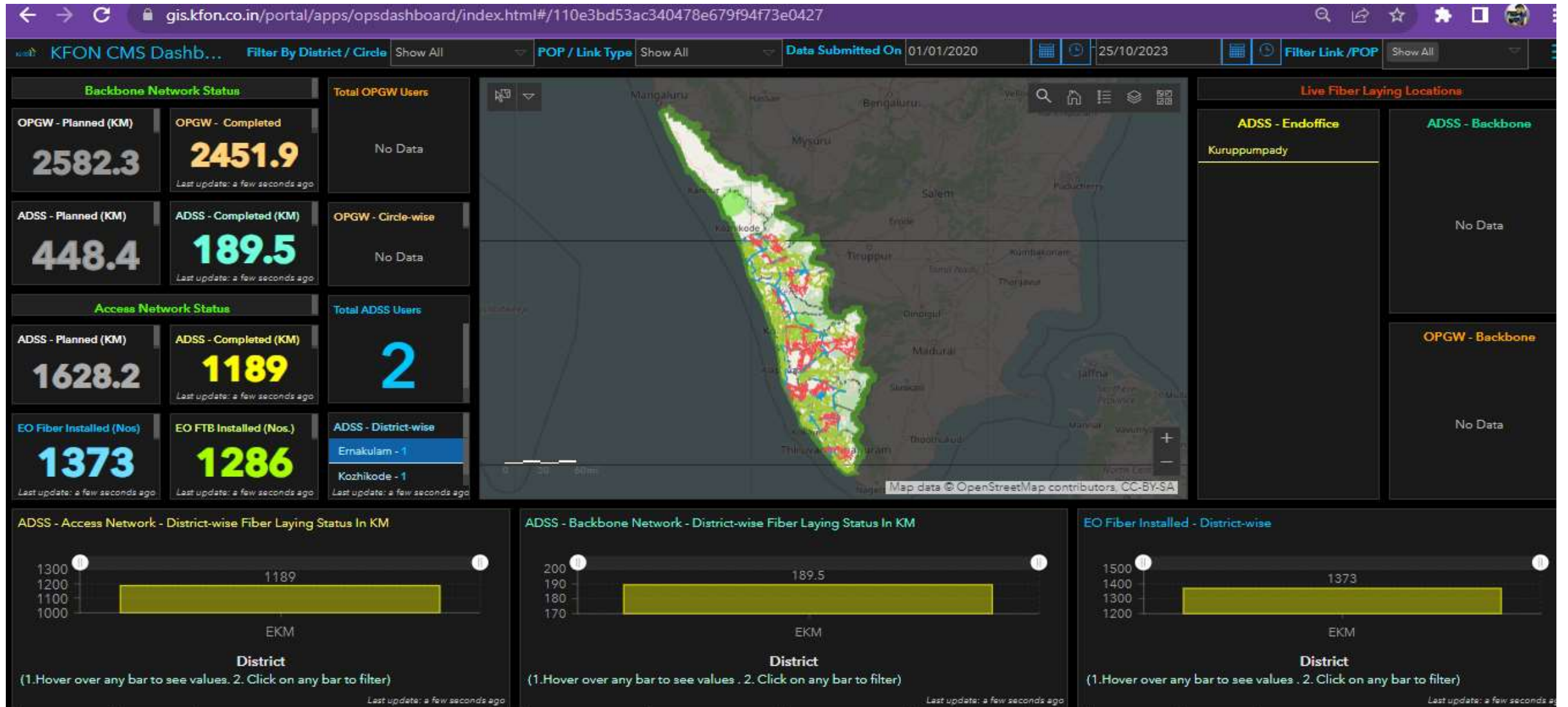
KFOR-Execution-08052020-Schedule.mpp - Project Professional (Product Activation Failed)										
File Task Resource Report Project View Format Tell me what you want to do... Sign in										
Gantt Chart Task Usage Network Diagram Calendar Other Views			Team Planner Resource Usage Resource Sheet Other Views			Sort Outline Tables Highlight: [No Highlight] [No Filter] [No Group]			Timescale: Days Zoom Entire Project Selected Tasks	
Task Views			Resource Views			Data			Split View Window Macros	
		Task Mode	Task Name	Work	Duration	Start	Finish	Cost	Details	Apr 2
269			Installation-Pkg A-Fibre & Accessories-IN-CR2.2	0 hrs	116 days	Thu 2/27/20	Ned 7/15/20	₹ 70	Work	
270			Fibre Installation & Testing-Pkg A-ADSS-Back Bone Fibre & Accessories-IN-CR2.2	0 hrs	116 days	Thu 2/27/20	Ned 7/15/20	₹ 26	Work	
271			CR001KLM-Ambalappuram-Puthoor(Kottarakkara)-Fibre Installation & Testing-Pkg A-Fibre & Acces:	0 hrs	116 days	Thu 2/27/20	Ned 7/15/20	₹	Work	
TASK USAGE			A11-I-48F ADSS 100kmph	11,550 Mtr		Thu 2/27/20	Wed 7/15/20	₹	Work (
			A15-I-Tension Clamp - Type I	81 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A16-I-Suspension Clamp - Type I	75 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A17-I-Cable Storage Bracket - Type I	31 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A18-I-Down Leads Clamp - Type I	31 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A19-I-48F UG OFC	75 Mtr		Thu 2/27/20	Wed 7/15/20		Work (
			A20-I-PLB HDPE Pipe	75 Mtr		Thu 2/27/20	Wed 7/15/20		Work (
			A29-I-Cross Arm	157 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A30-I-Street Box - Type I	7 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A38-I-Poles & Accessories	4 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A47-I-48FADSS installation	11,550 Mtr		Thu 2/27/20	Wed 7/15/20	₹	Work (
			A50-I-UG Installation	75 Mtr		Thu 2/27/20	Wed 7/15/20		Work (
			A52-I-End to End Testing - OFC	11,625 Mtr		Thu 2/27/20	Wed 7/15/20		Work (	1
			A53-I-Pole Installation	4 Nos		Thu 2/27/20	Wed 7/15/20		Work (
272			CR002KLM-Puthoor (Kottarakkara) - Sasthamkotta-Fibre Installation & Testing-Pkg A-Fibre & Access:	0 hrs	116 days	Thu 2/27/20	Ned 7/15/20	₹ 1	Work	
			A11-I-48F ADSS 100kmph	12,800 Mtr		Thu 2/27/20	Wed 7/15/20	₹	Work (	1
			A15-I-Tension Clamp - Type I	115 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A16-I-Suspension Clamp - Type I	175 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A17-I-Cable Storage Bracket - Type I	43 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A18-I-Down Leads Clamp - Type I	43 Nos		Thu 2/27/20	Wed 7/15/20		Work (
			A19-I-48F UG OFC	150 Mtr		Thu 2/27/20	Wed 7/15/20		Work (

Ready New Tasks : Auto Scheduled

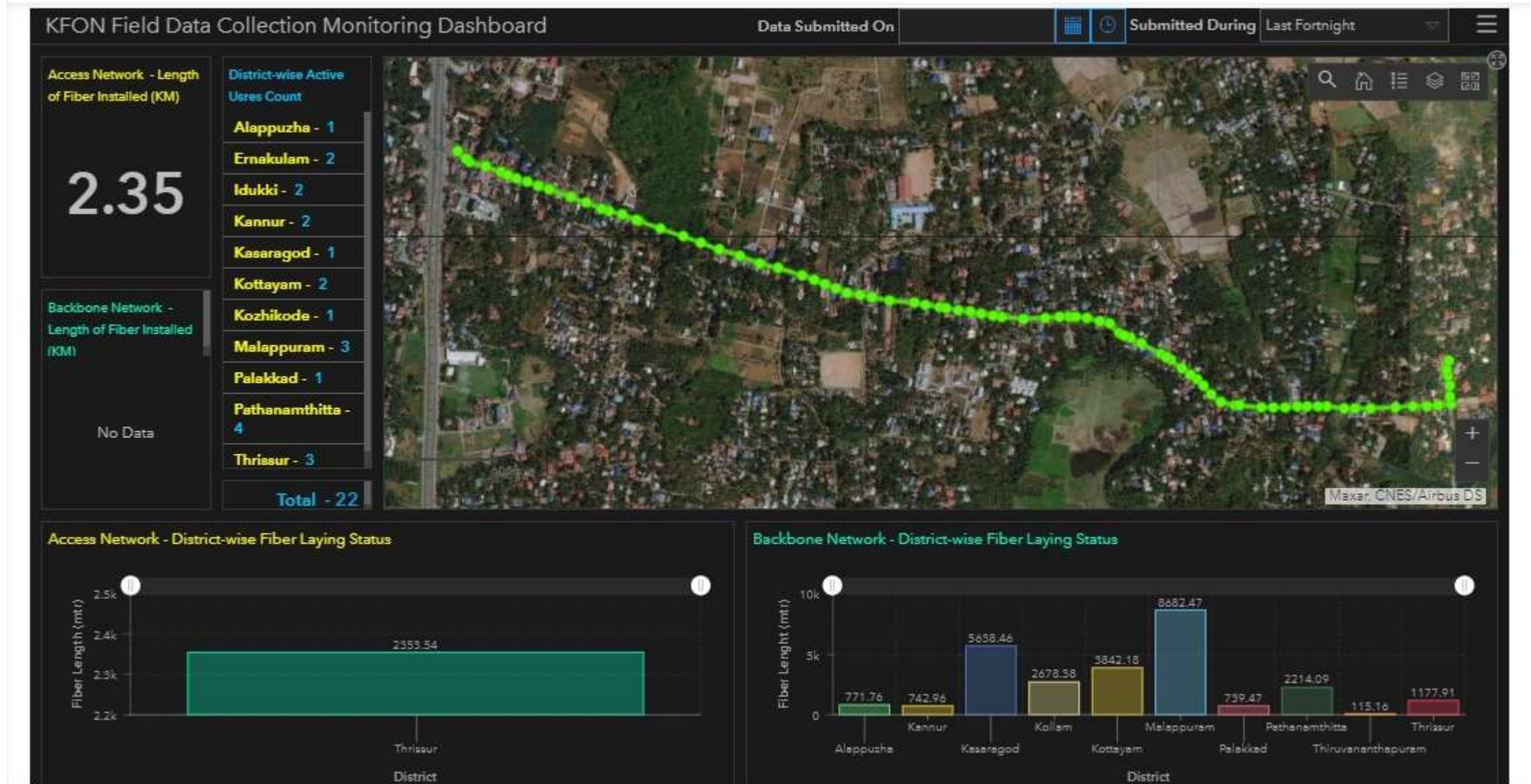
WBS – Cost and Quantity

Task Usage Tools KFON-Execution-08052020-Schedule.mpp - Project Professional (Product Activation Failed)									
File Task Resource Report Project View Format Tell me what you want to do... Sign in									
<div> <div> Gantt Chart Task Usage Calendar Other Views </div> <div> Network Diagram Resource Usage Resource Sheet Other Views </div> <div> Team Planner </div> <div> Sort Outline Tables Filter: [No Filter] Group by: [No Group] </div> <div> Highlight: [No Highlight] Timescale: Days Zoom: Entire Project Selected Tasks </div> <div> Timeline Details </div> <div> New Window Macros </div> </div>									
	Task Mode	Task Name	Cost	Work	Duration	Details	Apr 27, '20	M	T
315		Installation-Pkg B-Fibre & Accessories-IN-CR3.2	₹ 119,937,591.29	0 hrs 250 days	Work				
316		CO001ALP-Punnappa - SL Puram-Fibre Installation & Testing-Pkg B-Fibre & Accessories-IN-CR3.2	₹ 3,072,672.78	0 hrs 250 days	Work				
		B1-I-48F OPGW Fiber	₹ 1,051,922.04	28,694 Mtr		Work (	114.78	114.7	
		B2-I-48F OPGW Hardware	₹ 212,909.48	28,694 Mtr		Work (	114.78	114.7	
		B3-I-Joint Box	₹ 3,520.22	11 Nos		Work (	0.04	0.0	
		B4-I-FODP(96F)	₹ 13,291.92	2 Nos		Work (	0.01	0.0	
		B5-I-FODP(48F)	₹ 0.00	0 Nos		Work (
		B6-I-Armored UG OFAC(48F)-DWSM	₹ 11,885.00	500 Mtr		Work (	2		
		B7-I-PLB HDPE Pipe	₹ 8,380.80	480 Mtr		Work (	1.92	1.9	
		B9-I-48F OPGW Inst	₹ 1,709,098.56	27,504 Mtr		Work (	110.02	110.0	
		B10-I-Armored UG OFAC(48F)-DWSM Inst	₹ 20,555.00	500 Mtr		Work (	2		
		B11-I-FODP(96F) Inst	₹ 41,109.76	2 Nos		Work (	0.01	0.0	
		B12-I-FODP(48F) Inst	₹ 0.00	0 Nos		Work (
317		CO002ALP-Thaikkattussery LILO (SL Puram - Aroor)-Fibre Installation & Testing-Pkg B-Fibre & Accessori	₹ 158,136.39	0 hrs 250 days	Work				
		B1-I-48F OPGW Fiber	₹ 39,666.12	1,082 Mtr		Work (	4.33	4.3	
		B2-I-48F OPGW Hardware	₹ 8,028.44	1,082 Mtr		Work (	4.33	4.3	
		B3-I-Joint Box	₹ 640.04	2 Nos		Work (	0.01	0.0	
		B4-I-FODP(96F)	₹ 0.00	0 Nos		Work (
		B5-I-FODP(48F)	₹ 7,609.51	1 Nos		Work (	0		
		B6-I-Armored UG OFAC(48F)-DWSM	₹ 5,942.50	250 Mtr		Work (	1		
		B7-I-PLB HDPE Pipe	₹ 4,190.40	240 Mtr		Work (	0.96	0.9	
		B9-I-48F OPGW Inst	₹ 61,705.02	993 Mtr		Work (	3.97	3.9	
		B10-I-Armored UG OFAC(48F)-DWSM Inst	₹ 10,277.50	250 Mtr		Work (	1		
		B11-I-FODP(96F) Inst	₹ 0.00	0 Nos		Work (

- Once the planned network design and the BOQ are approved by the client, the GIS data for the network design will be published in the GIS server
- The laying team is provided with a mobile application (Construction App), and the network design can be accessed by the laying team using this app
- The construction data updation (As-Built Data) can also be done on the mobile application and it will be synced to the GIS server
- The data updating from the field can be used for tracking the progress of work and for that various dashboards and the provision for report generation are provided

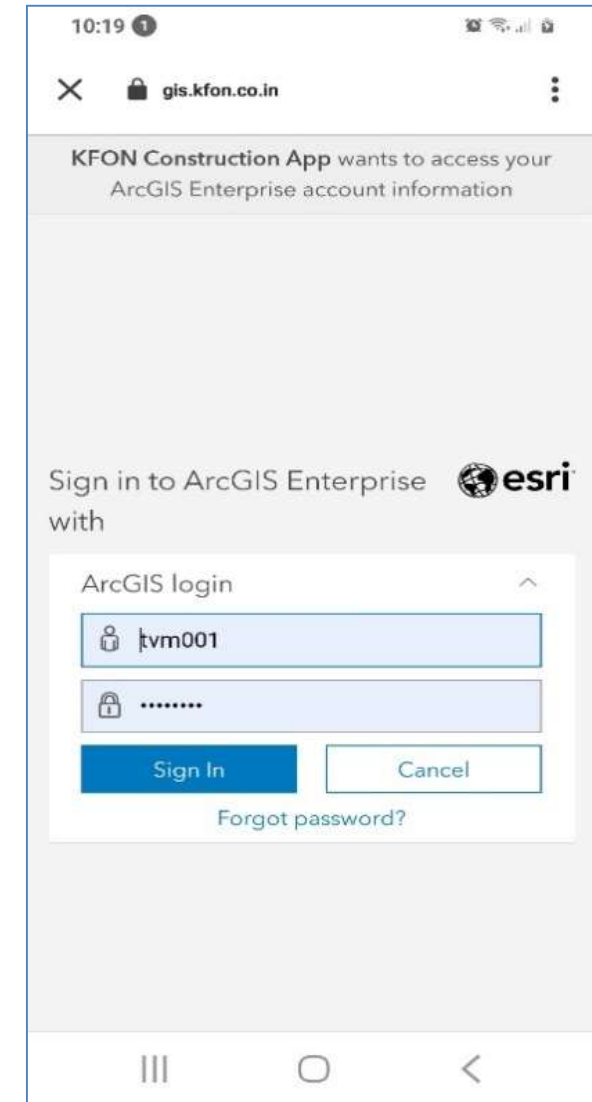
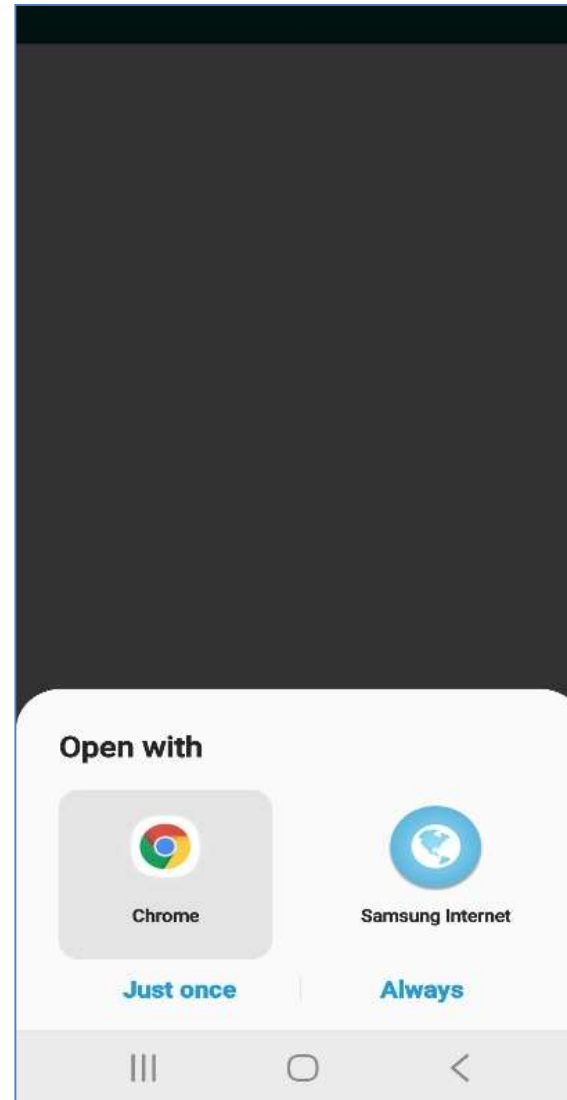
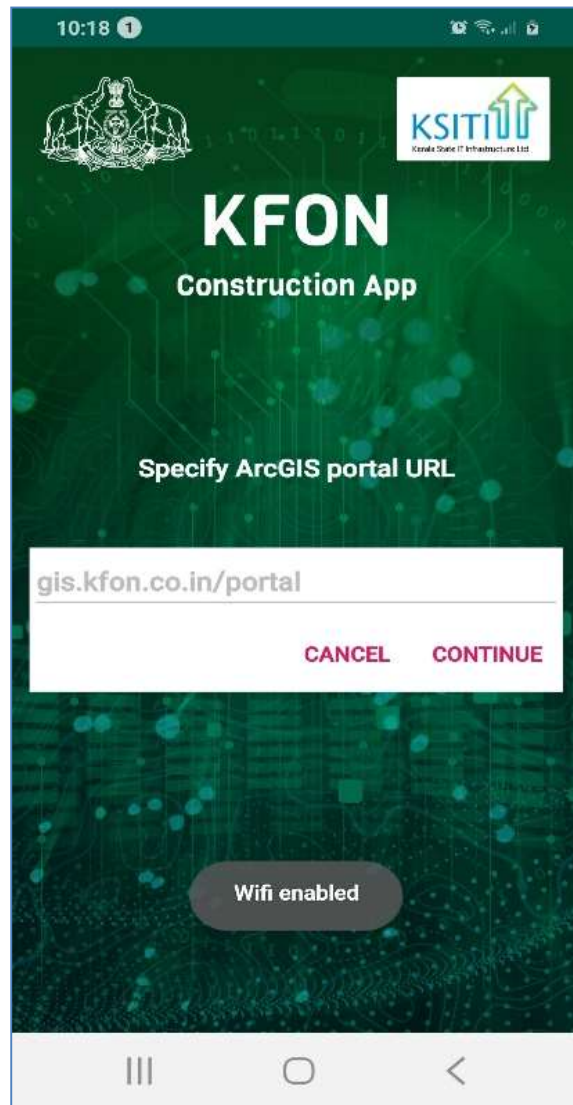


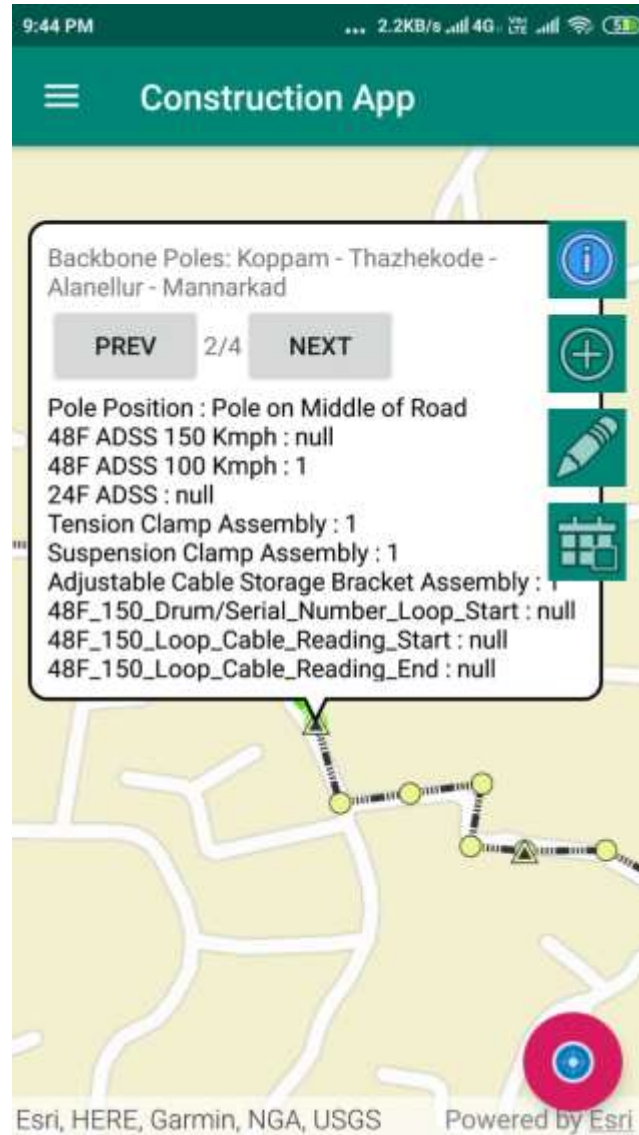
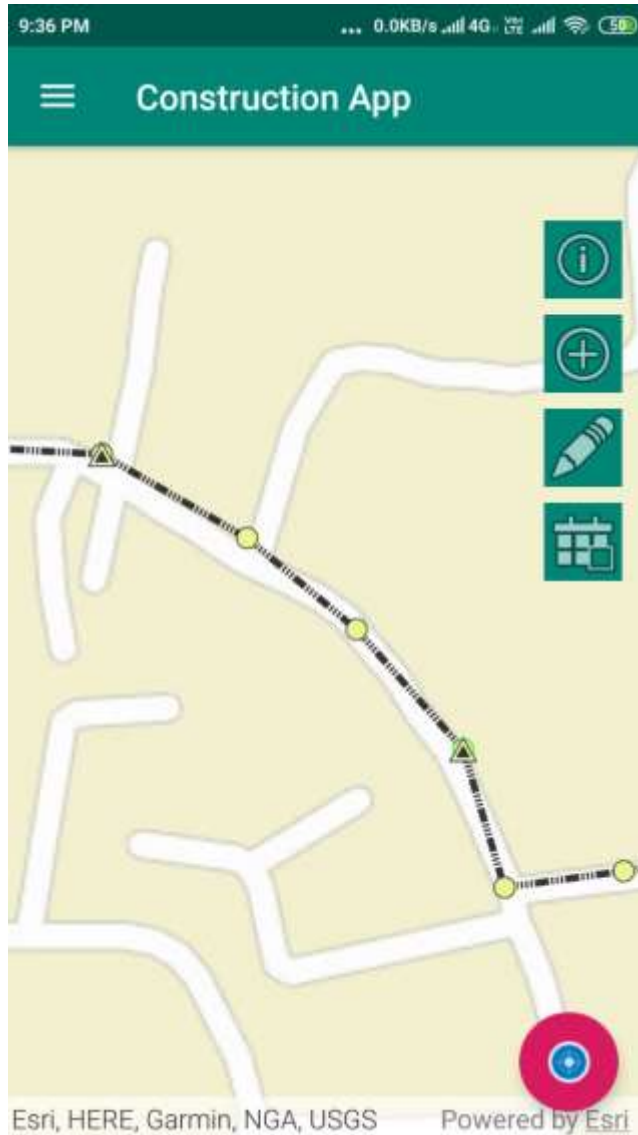




- [Multiple level user login](#)
 - Laying Supervisor - Data collection - PoP/Link Level
 - Splicing Team – View unique id's of the devices and underlying splicing information. Update splicing activity status
 - DC/PMA/PMU users – View and verify the network laying status. Insert QA/QC related comments
- [Map Centric Data Collection](#)
 - GPON Design map view
- [Works Online/Offline](#)
 - Online – With internet/network
 - Offline – Without internet/network
- [Map Symbology](#)
 - With different colour code for fiber type, equipment
 - With different style
- [ESRI base maps](#)
 - Street map layer
 - Topo Map
- [Editing options](#)
 - Attribute editing
 - Feature editing
- [Sync capabilities](#)
 - Data Pushing to Server

- Can view the surveyed data with the poles & end office details
- Can view the GPON design map and equipment locations with label on the mobile (optical splitter, street box, junction box, adjustable cable storage bracket assembly, pole details and type of fiber)
- The laying Team can fix the mechanical items as per the Standard Operating Procedure for Aerial Cabling (cross arm, suspension & tension assembly). No spatial marking in the design map
- The Laying Team can identify the details of each item by clicking the Identification tool
- Any variation from the planned design during the field implementation can be updated.
- The Splicing Team can identify the splicing location with the splice plan
- PMA/PMU/DC can update the comments or remarks based on user credentials. They can be permitted to edit only the comment box. Geo-coded photos can be taken





PROPERTIES ATTACHMENTS

Backbone Poles: Koppam - Thazhekode - Alanellur - Mannarkad

Pole Category Existing

Pole Number * MAS188 44

Pole Height (Meter) 11

Pole Material Rail

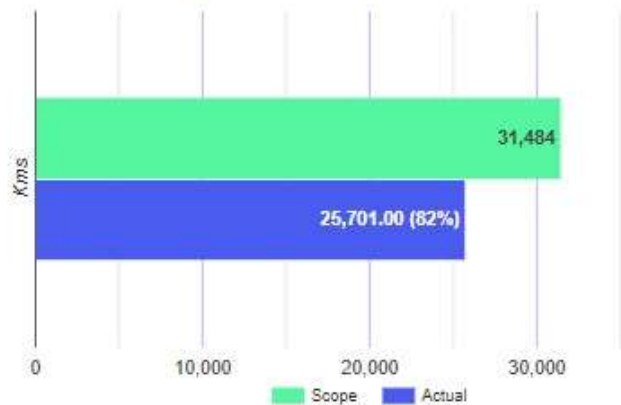
Pole Type

Year Manufactured 0

Voltage Type LT

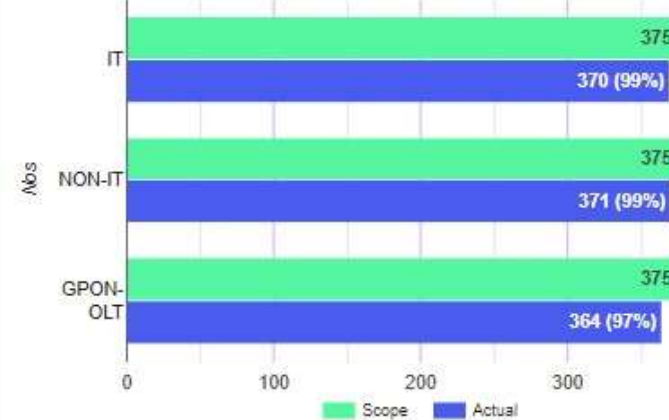
SUBMIT CANCEL

Total OFC Installation



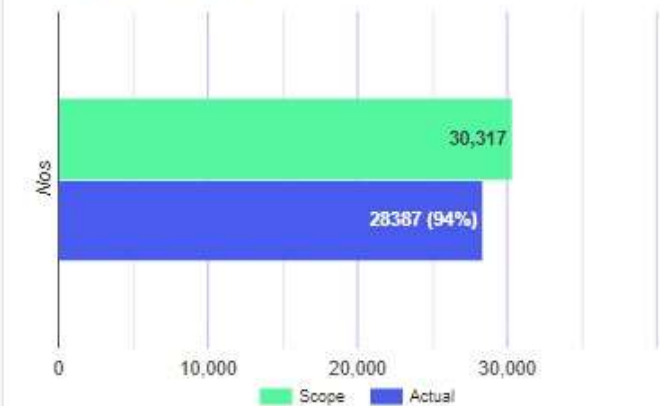
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PoP Installation - Progress



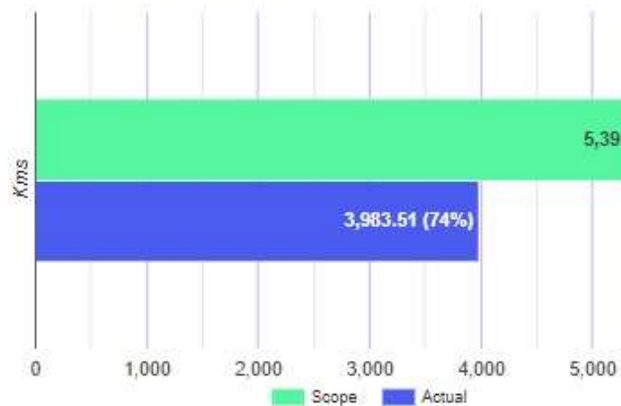
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Endoffice Installation



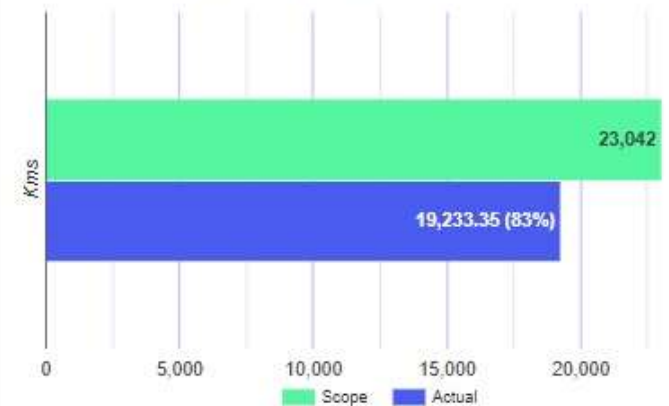
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ADSS BackBone Installation



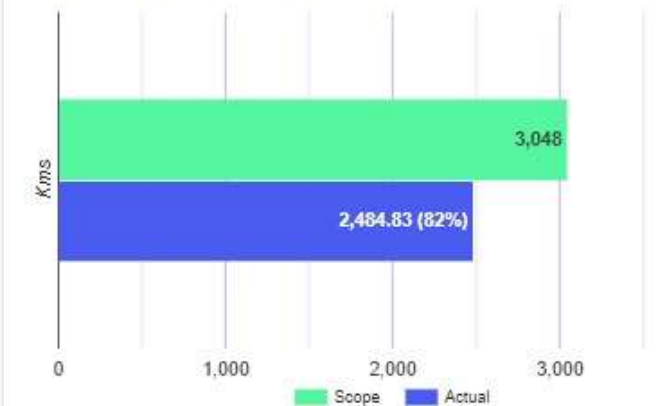
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ADSS-Access Network Installation

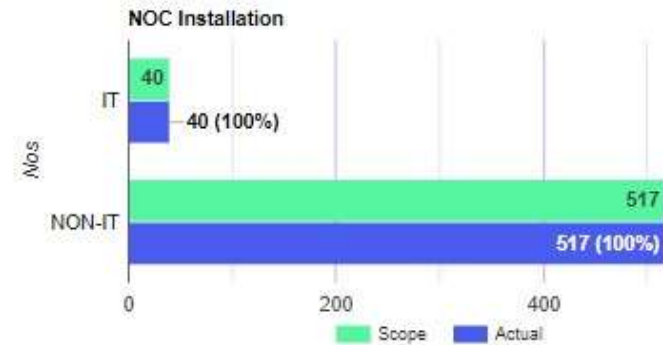


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OPGW BackBone Installation

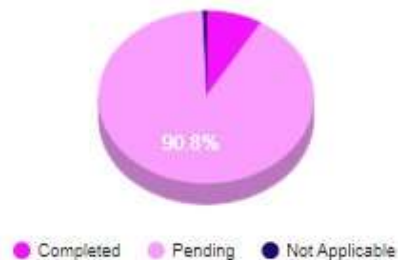


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Row Cases

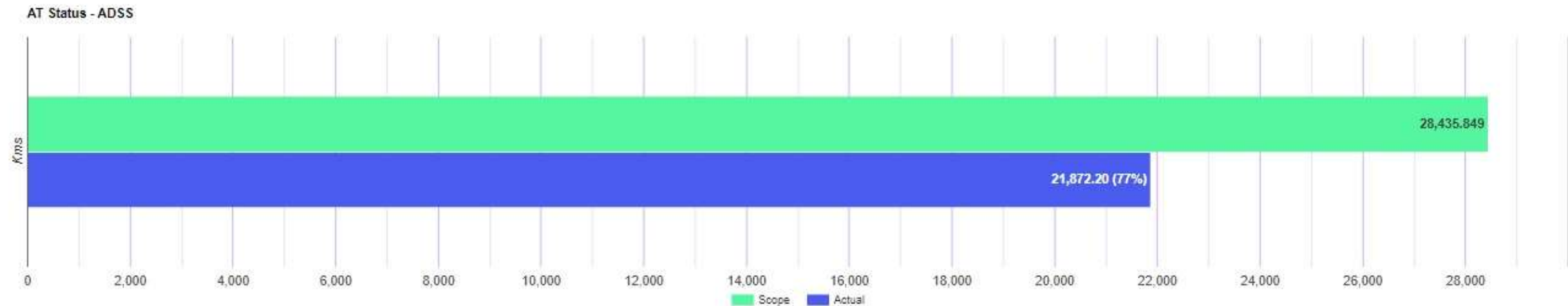


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Reworks



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Work Progress Report

KERALA FIBRE OPTIC NETWORK (KFON)																
Daily Progress Report of Link / Pop			Koppam-Pulamanthole				23-2-2023 18:57:58				No.Of Use	1				
Sl.No	OFC laying date	Approved Date	User Name	Pole No	Cross Arm	Suspension	Clamp II	Tension assembly	Tension Clamp II	Storage Bracket	Storage Bracket II	Downlead clamps	StreetBox 1	StreetBox 2	Splitter (1 Splitter)	
1	4/4/2022	21-5-2022	adssmlp026													
2	4/4/2022	21-5-2022	adssmlp026													
3	4/4/2022	21-5-2022	adssmlp026													
4	4/4/2022	21-5-2022	adssmlp026													
5		21-5-2022	adssmlp026	2					1							
6		21-5-2022	adssmlp026						1							
7		21-5-2022	adssmlp026						1							
8		21-5-2022	adssmlp026	1					1							
9		21-5-2022	adssmlp026	6					1							
10		21-5-2022	adssmlp026						1							
11		21-5-2022	adssmlp026	4					1							
				7	0	0	0	7	0	0	0	0	0	0	0	0

As-Built Summary Data From 4-1-2022 To NaN-NaN-NaN																															
Sl No	Date	Link/POP Name	Total No. of Users	48F150 Consumed	48F150 Loop Length	48F150 Consumed Witho	48F100 Consumed	48F100 Loop Length	48F100 Consumed Witho	24F Consumed	F24 Loop Length	F24 Consumed Witho	12F Consumed	F12 Loop Length	F12 Consumed Witho	4F Consumed	F4 Loop Length	F4 Consumed Witho	No of Poles	Cross Arms(Nos)	Poles &Accessories	Anchoring & Bolt	UPB	Suspension Clamp	Suspension Clamp II	Tension Clamp	Tension Clamp II	Storage Bracket	Storage Bracket II	Download Clamp	STB Type 1
1	4/4/2022	Koppam-Pulamanthole	1	0	0	0	336	66	270	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7	0	0	0	0	0
2	11/4/2022	Koppam-Pulamanthole	1	0	0	0	1692	120	1572	0	0	0	0	0	0	0	0	0	27	0	0	0	0	7	0	20	0	2	0	2	0
3	27-4-2022	Koppam-Pulamanthole	1	0	0	0	1135	110	1025	0	0	0	0	0	0	0	0	0	18	14	0	0	0	8	0	10	0	4	0	4	1
4	28-4-2022	Koppam-Pulamanthole	1	0	0	0	883	110	773	0	0	0	0	0	0	0	0	0	27	0	0	0	0	4	0	23	0	3	0	3	1
5	6/5/2022	Koppam-Pulamanthole	1	0	0	0	1375	130	1245	0	0	0	0	0	0	0	0	0	36	0	0	0	0	8	0	28	0	3	0	3	0
		TOTAL	5	0	0	0	5421	536	4885	0	0	0	0	0	0	0	0	0	115	14	0	0	0	27	0	88	0	12	0	12	2

Installation Of SubTasks Daily Progress Report For 01/10/2020 - 23/10/2020

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Show entries

10

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[3](#)
[4](#)
[5](#)
[...](#)
[84](#)
[Next](#)

District	Link/TaskName	SubTaskName	MileStone Category	MileStone Type	Estd Qty	Comp Qty	UOM	% C
Alappuzha	AE030ALP-Chumatra-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	12F ADSS fiber optic cable	AR	ADSS-EO	13400.00	1633	Mtr	
Alappuzha	AR386ALP-Karuvatta-Thakazhy-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	48F ADSS fiber optic cable with 150 Kmph	AR	ADSS-BB	6690.00	786	Mtr	
Alappuzha	AE036ALP-Thiruvalla-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	24F ADSS fiber optic cable	AR	ADSS-EO	19900.00	1361	Mtr	
Alappuzha	AE036ALP-Thiruvalla-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	Down Lead Clamps Assembly-Type I	AR	ADSS-EO	346.00	4	Nos	
Alappuzha	AE031ALP-Edathua-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	Anchoring / Tensioning clamp assembly for	AR	ADSS-EO	1285.00	114	Nos	

Showing 1 to 10 of 839 entries

Back

ADSS-BackBone / ADSS-Fibre Report

Please click on the column of chart to go further down on details.

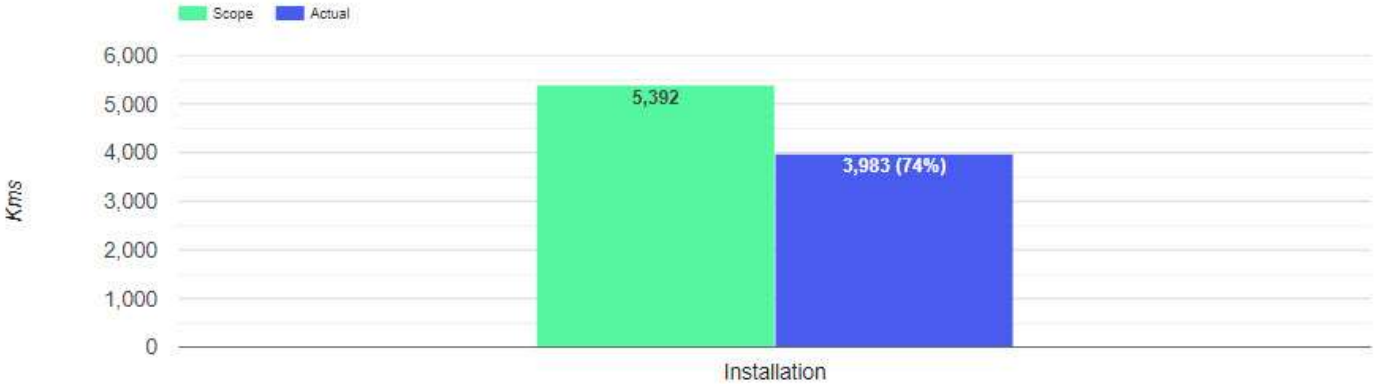
WorkCategory

Installation

DateRangePicker

Jan 1st, 2019 - Oct 26th, 2023

Adss-BackBone



Back

ADSS-BackBone / ADSS-Fibre Report

Please click on the column of chart to go further down on details.

WorkCategory

Installation

DateRangePicker

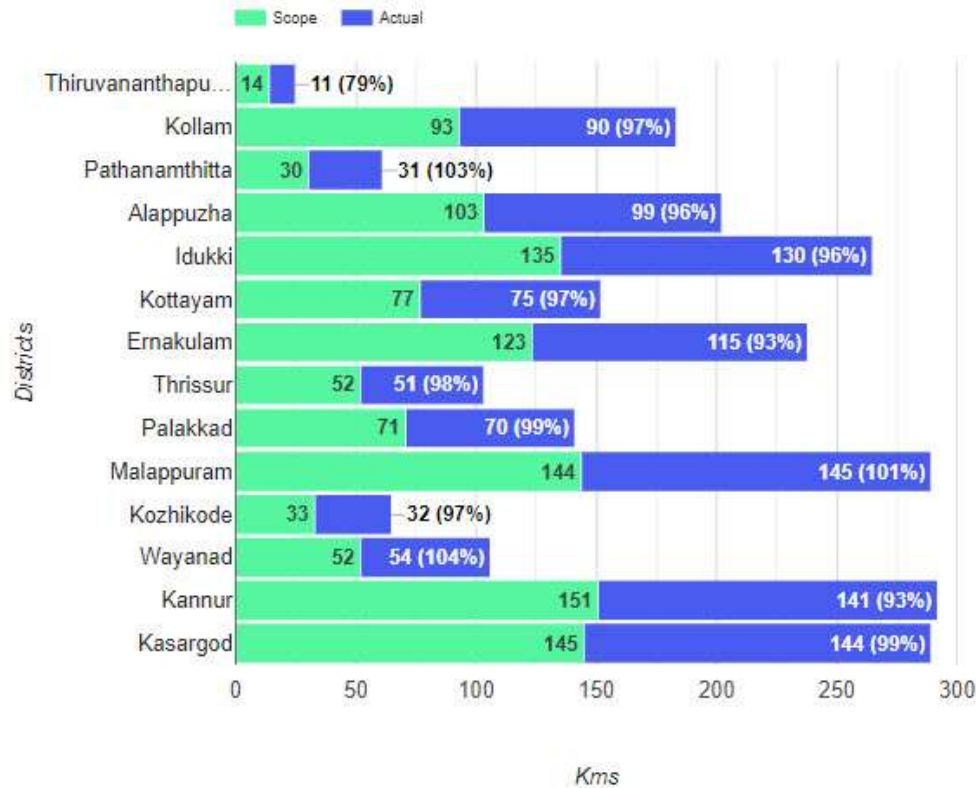
Jan 1st, 2019 - Oct 26th, 2023

Submit

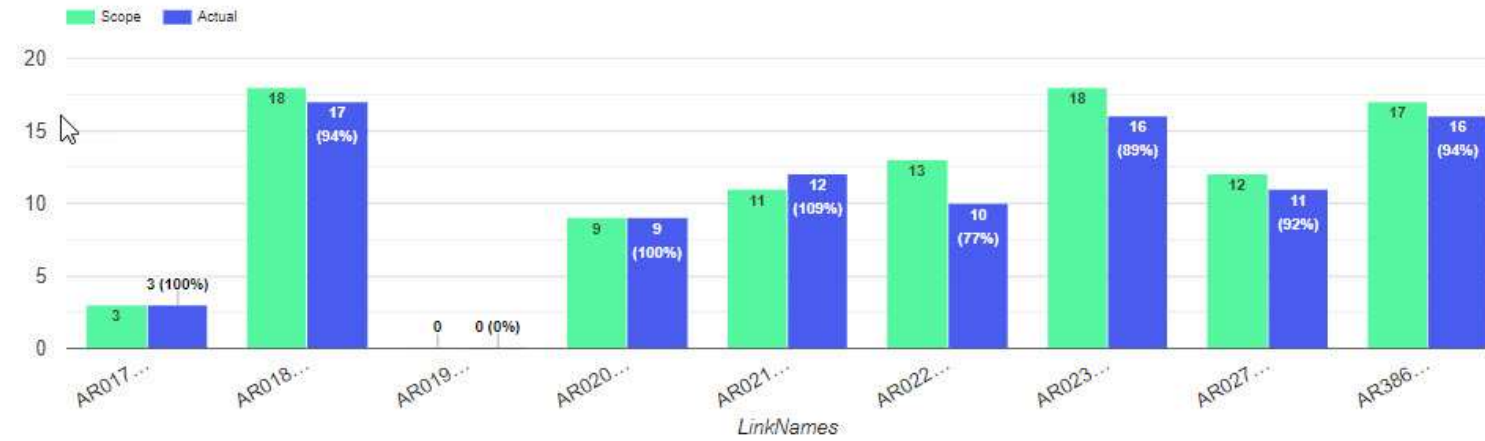
Adss-BackBone / Milestones



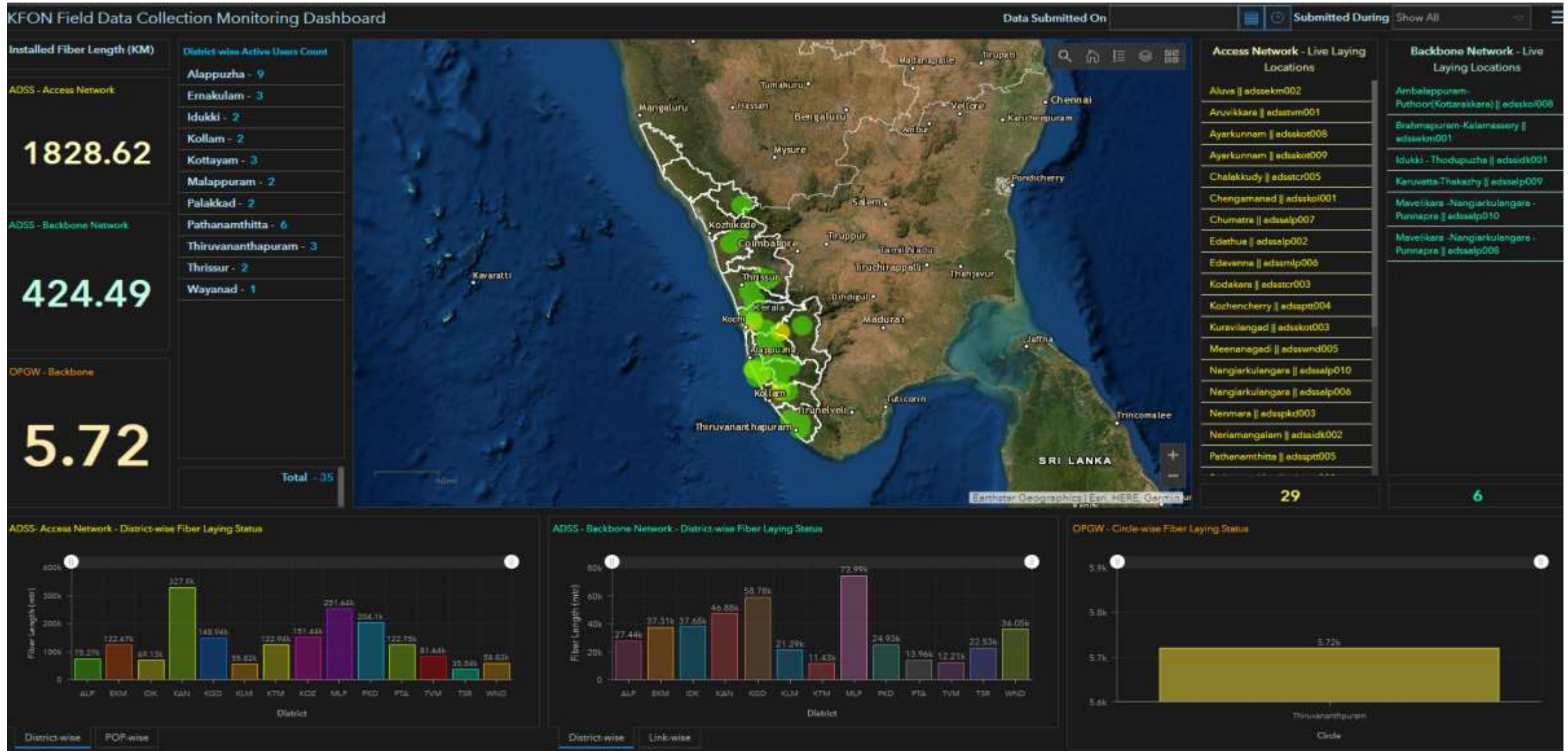
Adss-BackBone / Milestones / AR



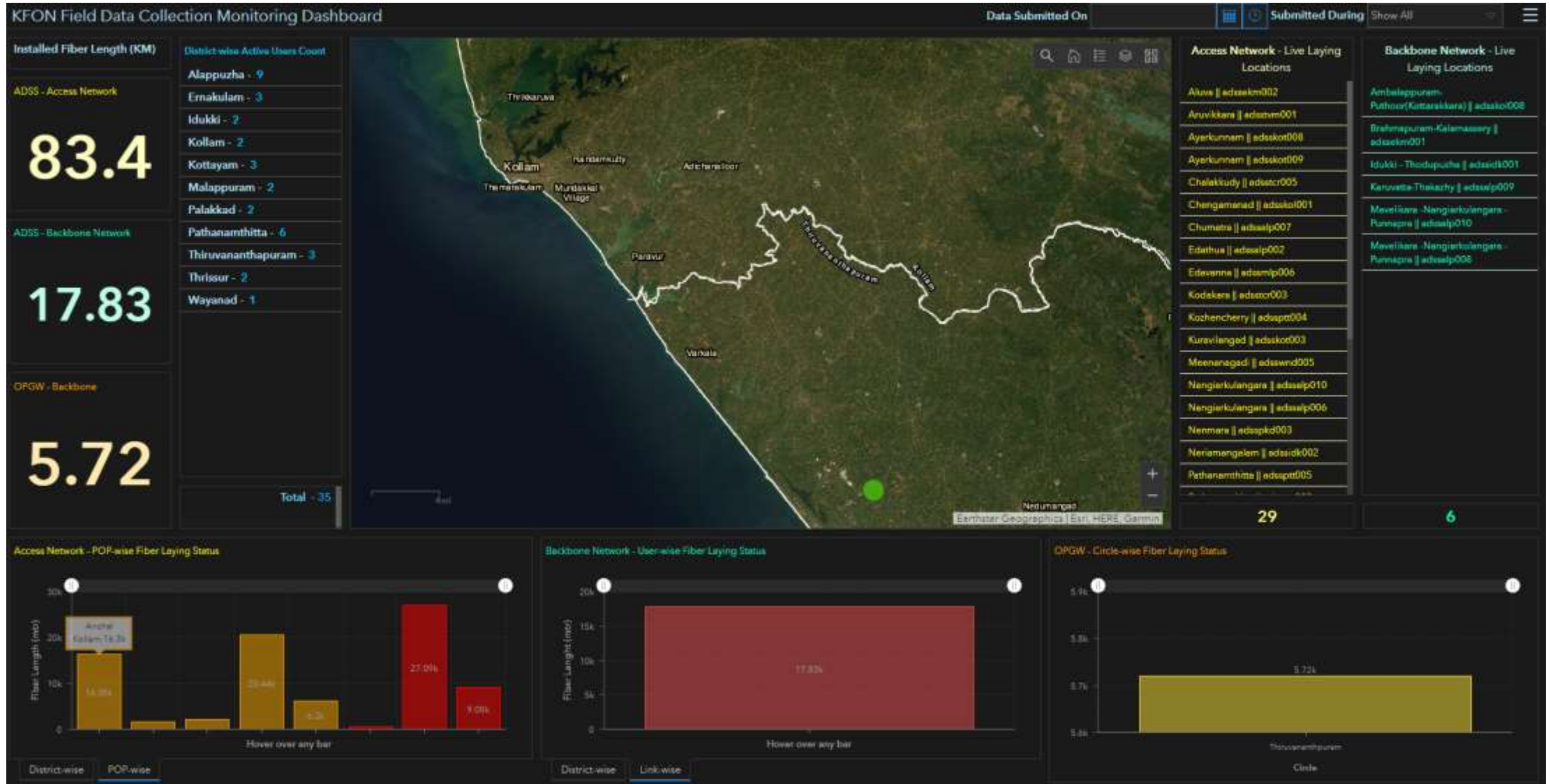
ine / Milestones / AR / Alappuzha



Drill Down Dashboards



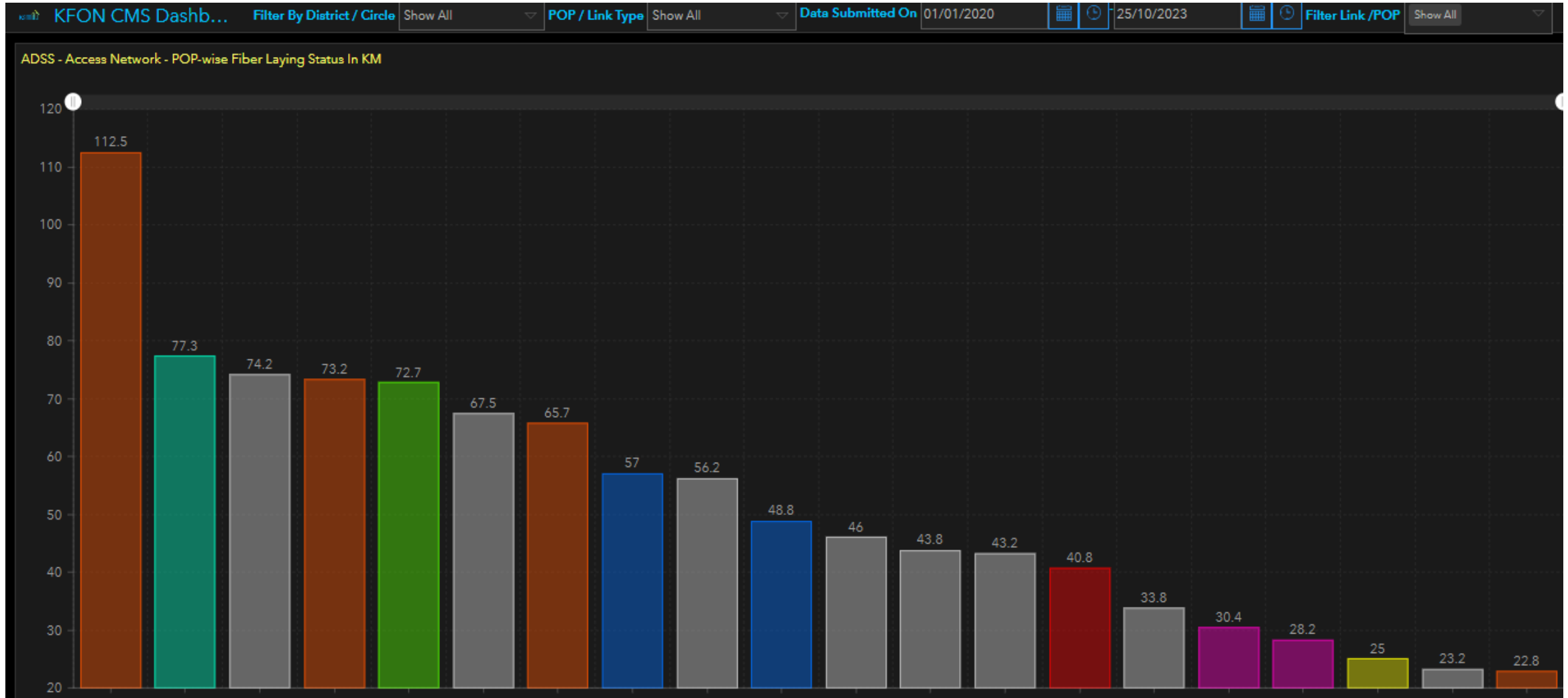
Drill Down Dashboards

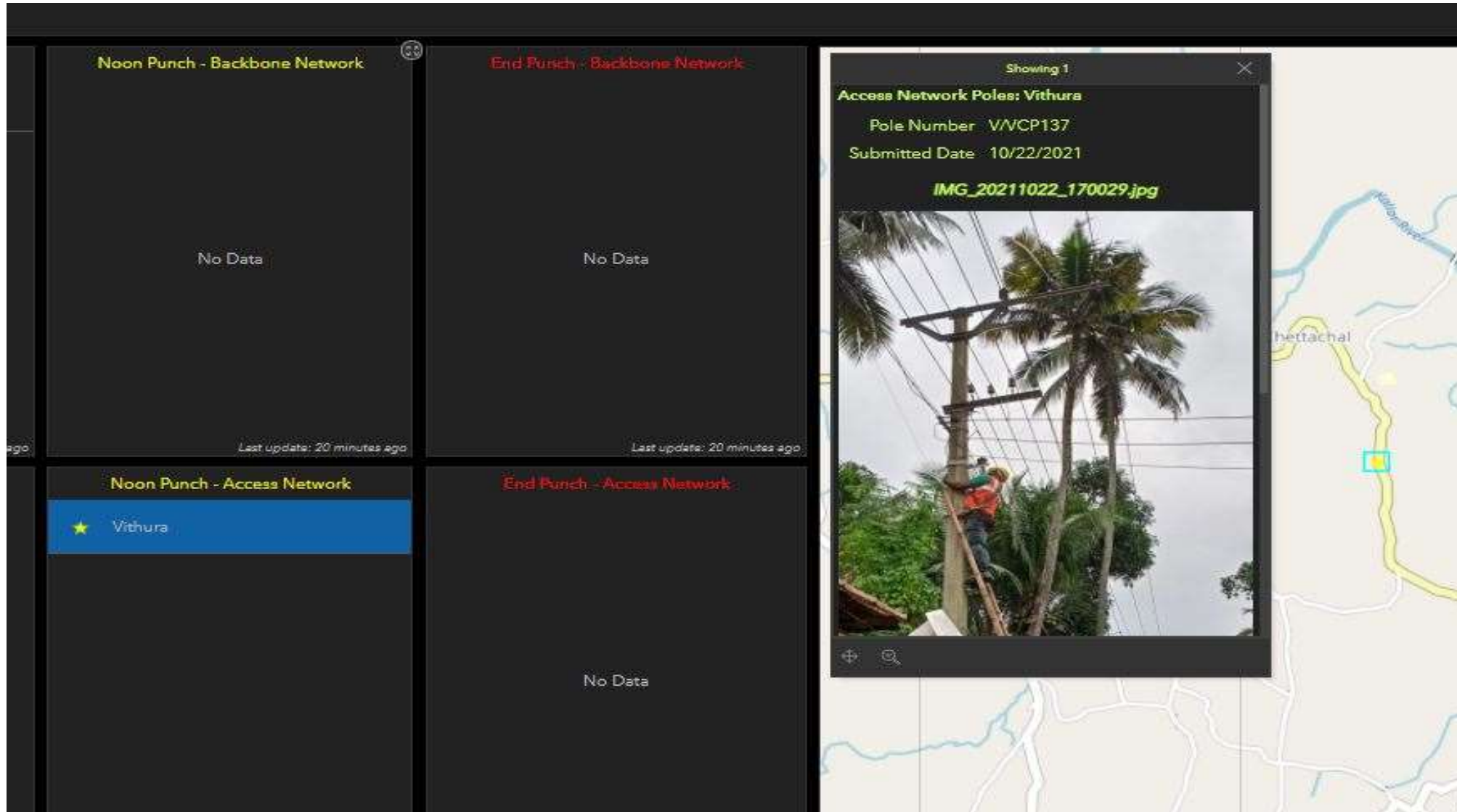


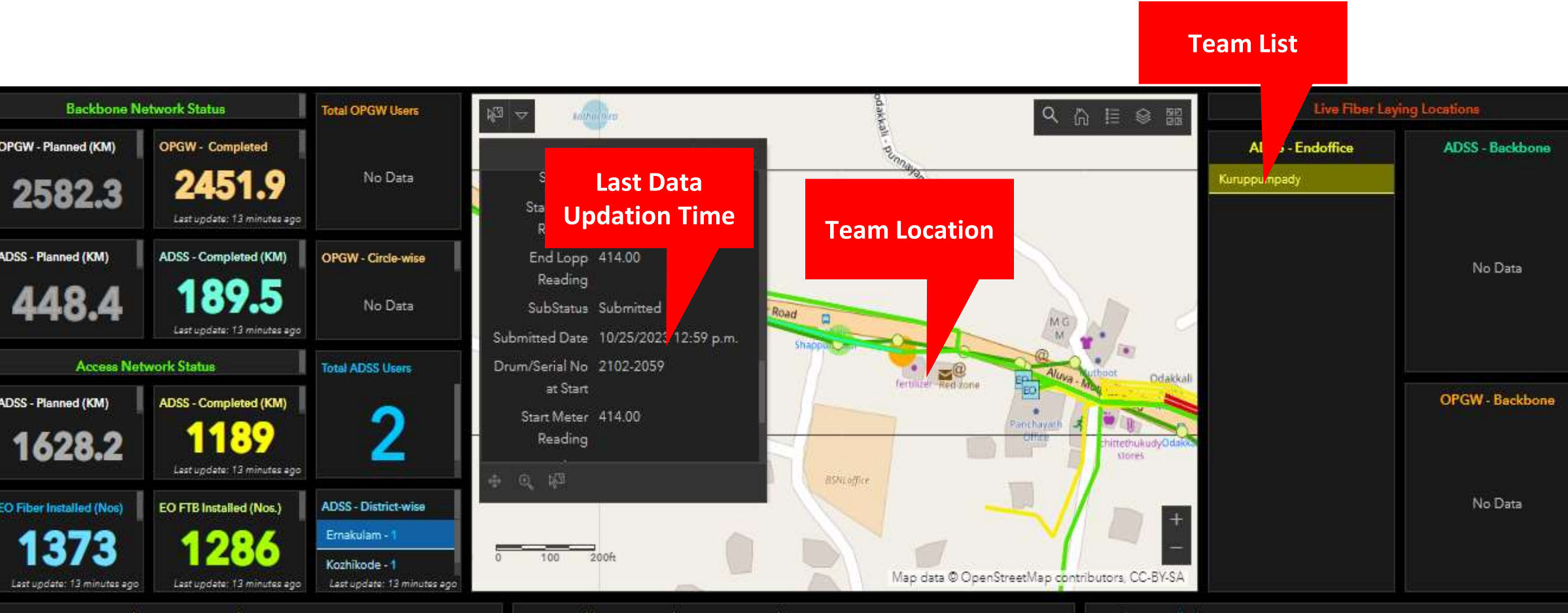
Drill Down Dashboards



Drill Down Dashboards



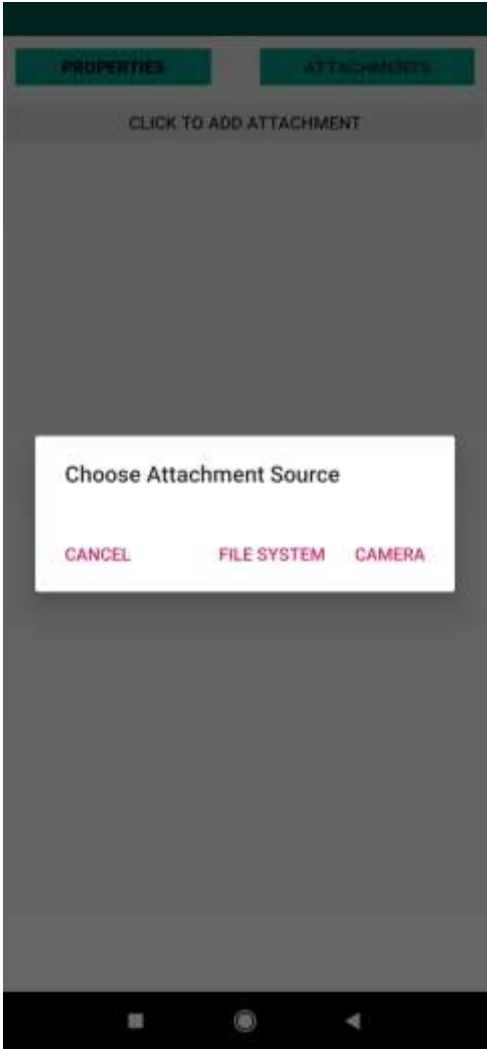




Facility to check the depth of Trench.



PROPERTIES	ATTACHMENTS
Trench	Existing
Trench Type	Open
No of Ducts (HDPE Pipe)	0
Length of HDPE	0
Trench Depth	0
Trench Width	0
Material	Nil
Protection	Nil
Rodeometer Length	0
Crossing	Bridge
Link Name	Attingal-Venjarann
Link Type	
District	Thiruvananthapuram
Supervisor	NA
Comments	
	As-Built Completed
SUBMIT	CANCEL



Acceptance Testing by Project Monitoring Agency

MENU

MIS Reports

Dashboard

OPEX

Reports Management

Task Management

Ticket Management

Tracker Management

GoLive

Add Go Live

Re Works

Add Re Works

OPGW Re Works

ROW Pending Approvals

AT Tracker

POPReWorks

User Management

Change Request

Maps

KFON KFOR PMS

Online Users 0

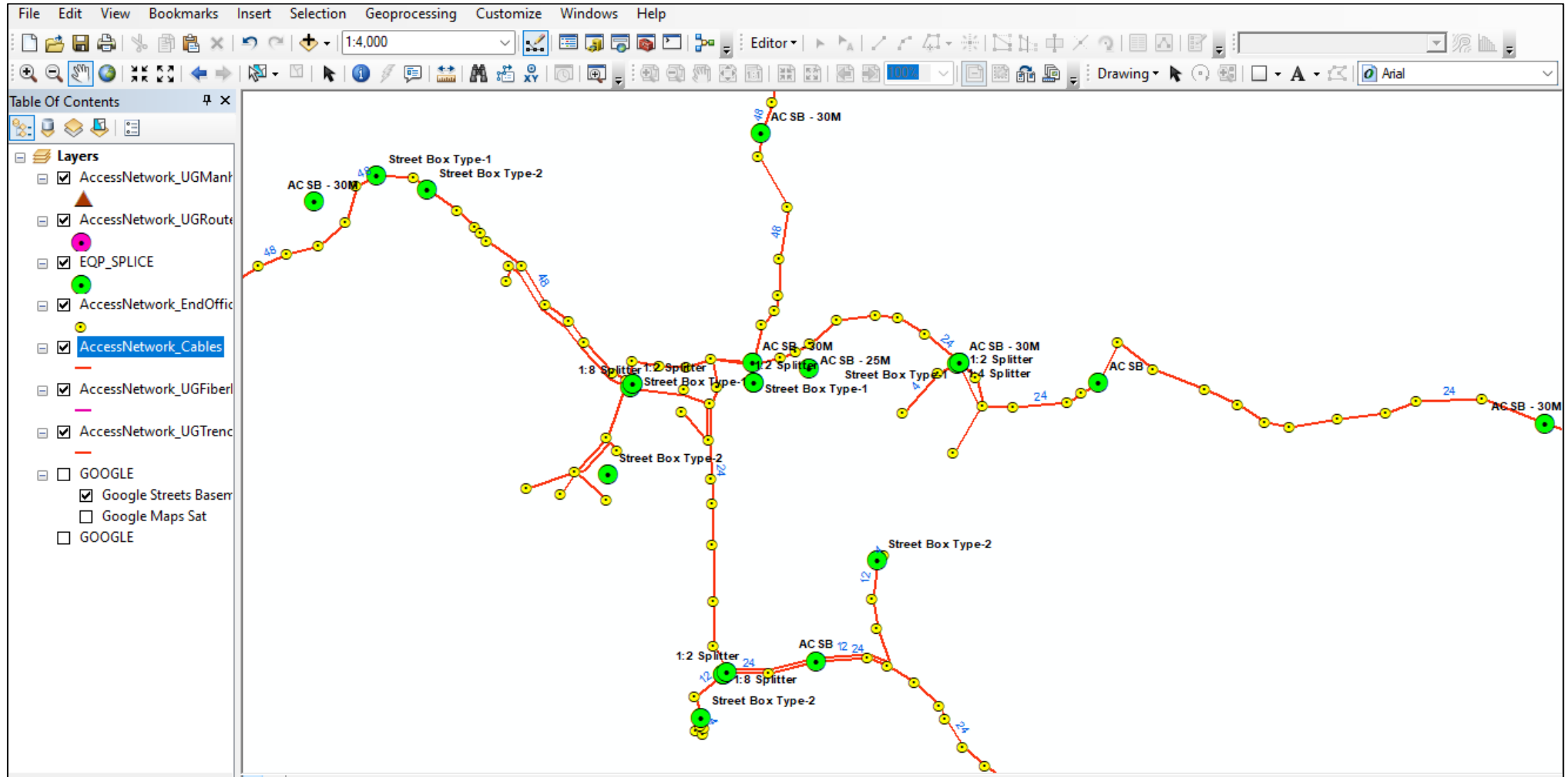
Welcome, ADMIN

At Tracker

Show entries 10 Search:

Sl No	MS PoP Name	MS Category	Link Name	View Quantity	Date of At Tracker Offer to BEL On	Remarks by CP	DC-AT-Status	BELDC-AT-Status	PMA-AT-Status	Attachment	Action
1	AP031ALP-Edathua	ADSS-EO	AE031ALP-Edathua-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	view	2022-03-07		Approved	Pending		view	Change
2	AP051ALP-Mannar	ADSS-BB	AR027ALP-Mavelikkara - Mannar-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	view	2022-03-07		Approved	Pending		view	Change
3	AP051ALP-Mannar	ADSS-EO	AE051ALP-Mannar-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	view	2022-03-07		Approved	Pending		view	Change
4	AP034ALP-Nangiarkulangara	ADSS-EO	AE034ALP-Nangiarkulangara-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2ALP	view	2022-03-07		Approved	Pending		view	Change
5	AP034ALP-Nangiarkulangara	ADSS-BB	AR020ALP-Nangiarkulangara-Karuvatta-	view	2022-03-07		Approved	Pending		view	Change

- The data captured on the Construction Mobile Application during the network construction will get updated on the GIS Server
- An As-Built Data/ As-Built Diagram will be prepared from the data updated on the server
- The required QA & QC will be done before finalizing the ABD
- The as-built BOQ can be generated from the web portal provided and the same can be checked & verified against the final as-built drawing



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	As-Built Summary Data From 9-1-2023 To 9-1-2023														
2	SI No	Date	Link/POP Name	48F100 Consumed	48F100 Loop Length	48F100 Consumed Without Loop	24F Consumed	F24 Loop Length	F24 Consumed Without Loop	12F Consumed	F12 Loop Length	F12 Consumed Without Loop	4F Consumed	F4 Loop Length	F4 Consumed Without Loop
3	1	1/2/2022	Adimaly	963	90	873	0	0	0	0	0	0	0	0	0
4	2	2/2/2022	Adimaly	1670.9	192	1478.9	0	0	0	0	0	0	0	0	0
5	3	3/2/2022	Adimaly	0	0	0	0	0	0	1412	165	1247	0	0	0
6	4	4/2/2022	Adimaly	0	0	0	0	0	0	1023	135	888	0	0	0
7	5	5/2/2022	Adimaly	1919.9	332	1587.9	0	0	0	0	0	0	0	0	0
8	6	7/2/2022	Adimaly	0	0	0	0	0	0	986.9	105	881.9	0	0	0
9	7	8/2/2022	Adimaly	0	0	0	0	0	0	1907	220	1687	0	0	0
10	8	9/2/2022	Adimaly	745	80	665	0	0	0	0	0	0	0	0	0

Cross Arms(No s)	Poles&Accessories	Anchorin g&Bolt	UPB	Suspensi on Clamp	Suspensi on Clamp II	Tension Clamp	Tension Clamp II	Storage Bracket	Storage Bracket II	Downlea d Clamp	STB Type 1	STB Type 2	Splitter 1: 2	Splitter 1: 4	Splitte 1: 8
28	0	0	0	1	0	25	0	3	0	4	0	0	0	0	0
46	0	0	0	9	0	37	0	7	0	8	1	0	0	0	0
42	0	0	0	3	0	36	0	6	0	6	0	0	0	0	0
32	0	0	0	2	0	30	0	6	0	6	0	0	0	0	0
61	0	0	0	11	0	67	0	11	0	17	5	0	3	1	1
24	0	0	0	0	0	24	0	4	0	4	1	0	0	0	0
50	0	0	0	0	0	52	0	7	0	7	0	0	0	0	0
22	0	0	0	2	0	21	0	2	0	3	1	0	1	1	1
32	2	0	0	4	0	27	0	6	0	6	1	0	0	0	0
38	0	0	0	8	0	28	0	4	0	4	1	0	0	0	0

86	28-11-202	Adimaly	0	0	0	0	0	0	0	287	37	250	0	0	0
		TOTAL	12573.3	1870	10703.3	34060.5	4511	29549.5	47608.9	5816	41792.9	7532.9	780		

Generation of Go-Live quantities from the System

MENU

MIS Reports

OverAll Progress

ADSS

OPGW

ADSS Access

PoP

End Office

NOC

Acceptance Testing

GoLive

RowCases

Reworks

Installation-TimeBased

ADSS Billing Report

Dashboard

ESRI Dashboard

ADSS & OPGW

Endoffice Devices

Endoffice Locations

PhotoPunch

OPEX

OPEX

O-M Billing

Reports Management

Fiber Daily progress report

KFON KFON PMS

Online Users 2

Welcome ADMIN

Golive Tracker

Show entries 10 Search: Excel Pdf

Sl No	MS PoP Name	MS Category	Link Name	View Quantity	Date of Golive Tracker Offer to BEL On	Remarks by CP	DC-GLT-Status	BELDC-GLT-Status	PMA-GLT-Status	Attachment	Action
1	CP013KNR-Mundayad	ADSS-EO	CE013KNR-Mundayad-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-CR2.2	view	2022-09-13	For Testing purpose, It has to remove from the system	Approved	Pending		view	Change
2	AP058TCR-Chalakkudy	ADSS-EO	AE058TCR-Chalakkudy-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2TCR	view	2022-10-08	chalakkudy	Approved	Pending		view	Change
3	AP058TCR-Chalakkudy	ADSS-BB	AR072TCR-Pudukkad-Chalakkudy-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2TCR	view	2022-10-08	Pudukkad chalakkudy	Approved	Pending		view	Change
4	AP059TCR-Kodakara	ADSS-EO	AE059TCR-Kodakara-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-AR2.2TCR	view	2022-10-08	kodakara	Approved	Pending		view	Change
5	CP008TCR-Madakkathara	ADSS-EO	CE008TCR-Madakkathara-Fibre Installation & Testing-Pkg A-	view	2022-10-08	Madakkathara	Approved	Pending		view	Change

- The Utility Network Data Model, lets users to create, manage, and share utility asset data
- It is a framework for organizing your electric, water, gas and telecommunications asset data
- ArcGIS Telecom Data Model contains a geodatabase model that can be configured and customized to meet the needs of any organization to maintain telecommunications networks and associated infrastructure.
- The model supports mapping of network infrastructure for fixed line (copper and fiber optic) cable networks and associated equipment.
- The model also supports network tracing at a copper and fiber level

- The Fiber Manager delivers your fiber optic network information in a seamless data fabric for mapping, planning, designing and managing.
- One can get an accurate inventory of underground structure networks, their capacity and utilization, along with robust productivity tools for managing your assets.
- This solution seamlessly organizes and analyzes the volume of data produced by your network, helps you better understand and manage your network, and helps you accurately anticipate and plan for future needs.

Streetbox Joint Closure

FiberCable: TSRAG05VIYY_TSRCR08MADA_BB_004 (Strand) FiberCable: TSRAG05VIYY_TSRCR08MADA_BB_005 (Strand)

<ALL> <ALL>

Str	FiberCable_Cable Name	BufferTube_Color	Strand_Color
1	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Blue
2	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Orange
3	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Green
4	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Brown
5	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Grey
6	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	White
7	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Red
8	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Black
9	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Yellow
10	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Magenta
11	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Pink
12	TSRAG05VIYY_TSRCR08MADA_BB_004	Blue	Cyan
13	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Blue
14	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Orange
15	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Green
16	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Brown
17	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Grey
18	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	White
19	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Red
20	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Black
21	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Yellow
22	TSRAG05VIYY_TSRCR08MADA_BB_004	Orange	Magenta

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

Str	FiberCable_Cable Name	BufferTube_Color	Strand_Color	Tray
1	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Blue	1
2	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Orange	1
3	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Green	1
4	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Brown	1
5	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Grey	1
6	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	White	1
7	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Red	1
8	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Black	1
9	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Yellow	1
10	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Magenta	1
11	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Pink	1
12	TSRAG05VIYY_TSRCR08MADA_BB_005	Blue	Cyan	1
13	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Blue	1
14	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Orange	1
15	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Green	1
16	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Brown	1
17	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Grey	1
18	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	White	1
19	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Red	1
20	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Black	1
21	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Yellow	1
22	TSRAG05VIYY_TSRCR08MADA_BB_005	Orange	Magenta	1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

☐ Hide unavailable items.

OK Close Apply

Detailed representation of Network

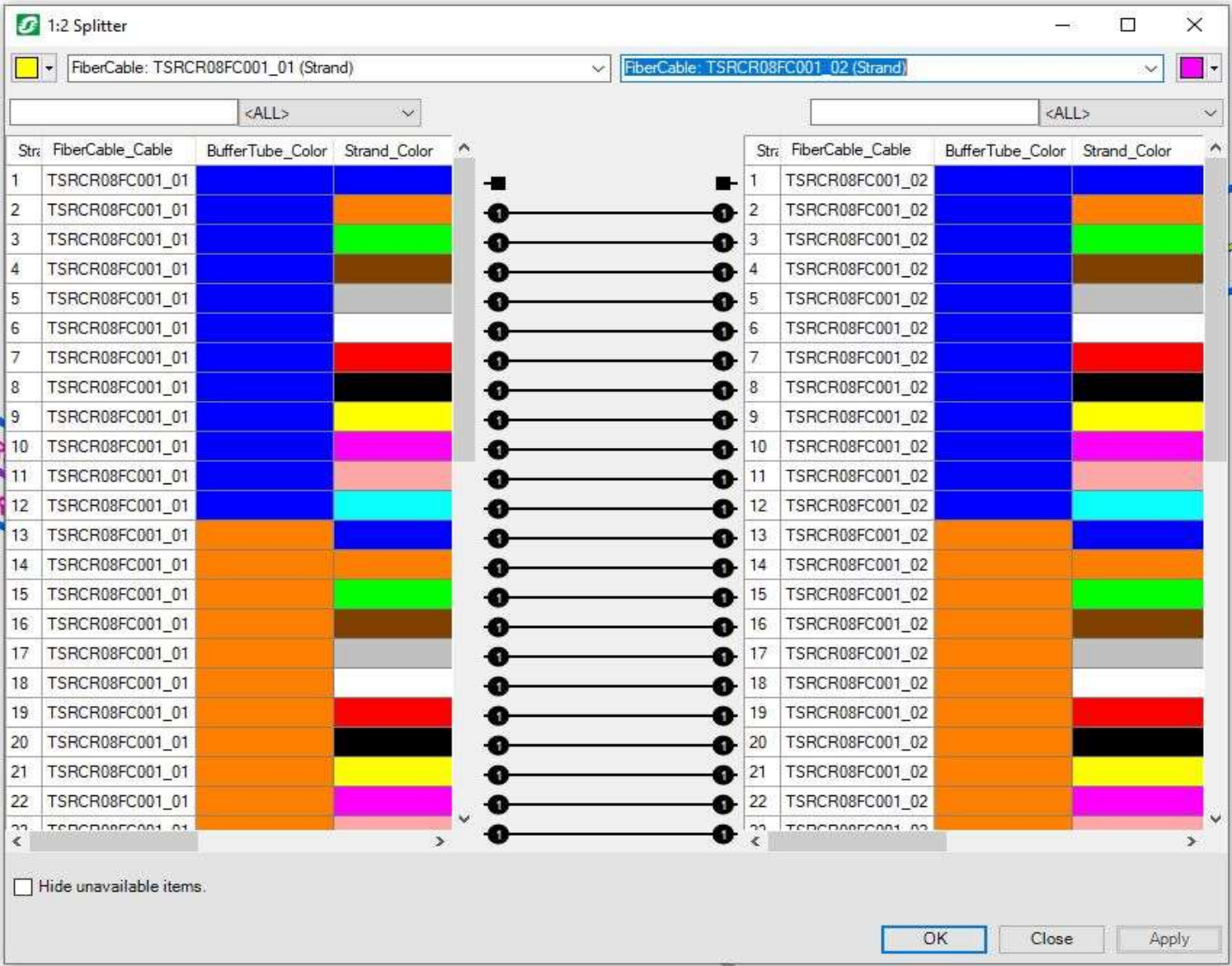
Mapping Fiber – Buffer Tube – Fiber strand level

Micro level connectivity

Integration of POP/NOC/EOs Equipment's and their connectivity

OTDR length integration and Fiber Tracing with OTDR lengths

Fiber to Fiber Connectivity



Fiber to FDMS Connectivity

Madakathara

FiberCable: TSRAG05VIYY_TSRCR08MADA_BB_005 (Strand) PP: 48 F Module 1 HDFDF-1 (Back Port)

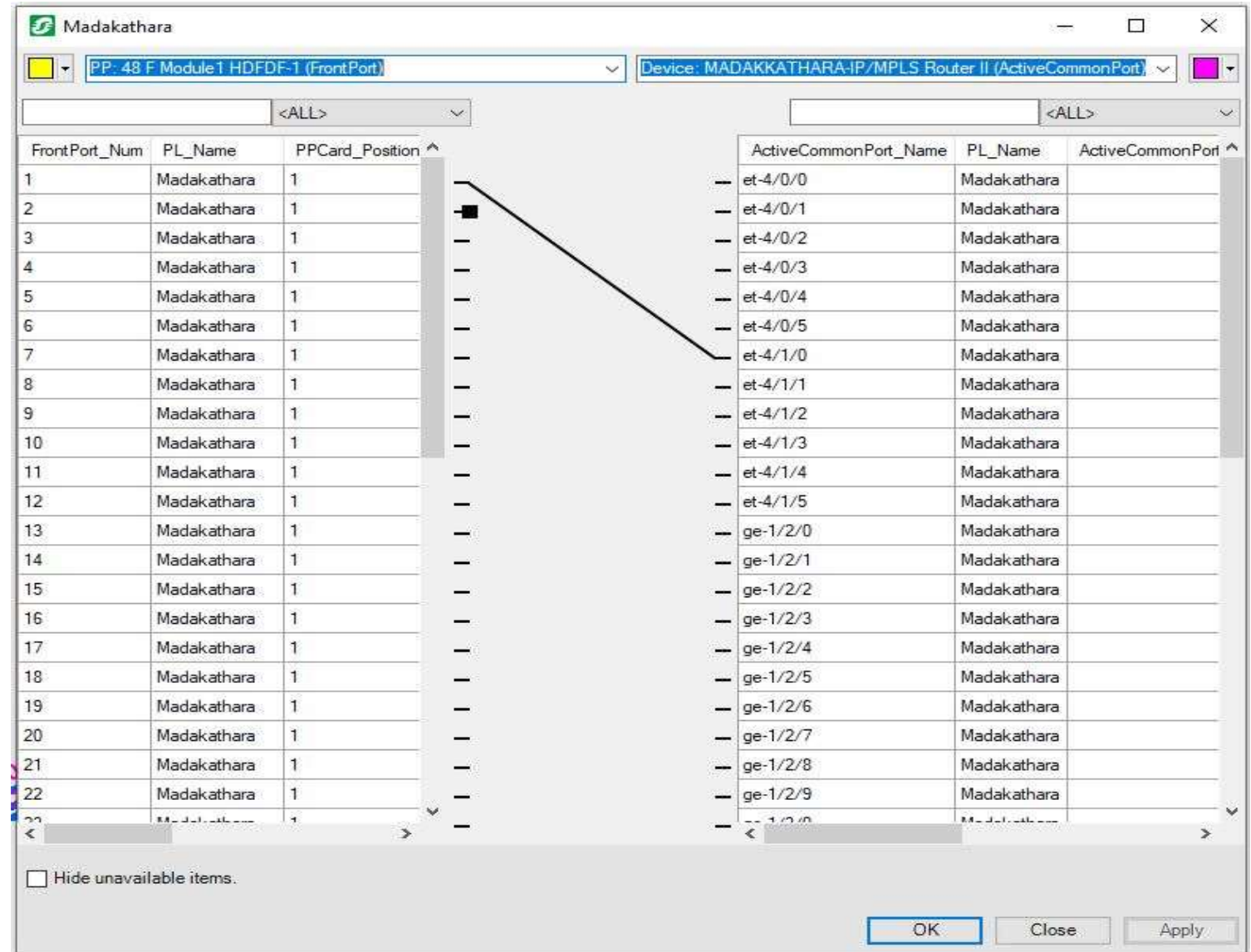
<ALL>

Str	FiberCable_Cable	BufferT	Strand_Col	BackPort_Num	PL_Name	PPCard_Position	SpliceT
1	TSRAG05VIYY_TSR...			1	Madakathara	1	Mechan
2	TSRAG05VIYY_TSR...			2	Madakathara	1	Mechan
3	TSRAG05VIYY_TSR...			3	Madakathara	1	Mechan
4	TSRAG05VIYY_TSR...			4	Madakathara	1	Mechan
5	TSRAG05VIYY_TSR...			5	Madakathara	1	Mechan
6	TSRAG05VIYY_TSR...			6	Madakathara	1	Mechan
7	TSRAG05VIYY_TSR...			7	Madakathara	1	Mechan
8	TSRAG05VIYY_TSR...			8	Madakathara	1	Mechan
9	TSRAG05VIYY_TSR...			9	Madakathara	1	Mechan
10	TSRAG05VIYY_TSR...			10	Madakathara	1	Mechan
11	TSRAG05VIYY_TSR...			11	Madakathara	1	Mechan
12	TSRAG05VIYY_TSR...			12	Madakathara	1	Mechan
13	TSRAG05VIYY_TSR...			13	Madakathara	1	Mechan
14	TSRAG05VIYY_TSR...			14	Madakathara	1	Mechan
15	TSRAG05VIYY_TSR...			15	Madakathara	1	Mechan
16	TSRAG05VIYY_TSR...			16	Madakathara	1	Mechan
17	TSRAG05VIYY_TSR...			17	Madakathara	1	Mechan
18	TSRAG05VIYY_TSR...			18	Madakathara	1	Mechan
19	TSRAG05VIYY_TSR...			19	Madakathara	1	Mechan
20	TSRAG05VIYY_TSR...			20	Madakathara	1	Mechan
21	TSRAG05VIYY_TSR...			21	Madakathara	1	Mechan
22	TSRAG05VIYY_TSR...			22	Madakathara	1	Mechan

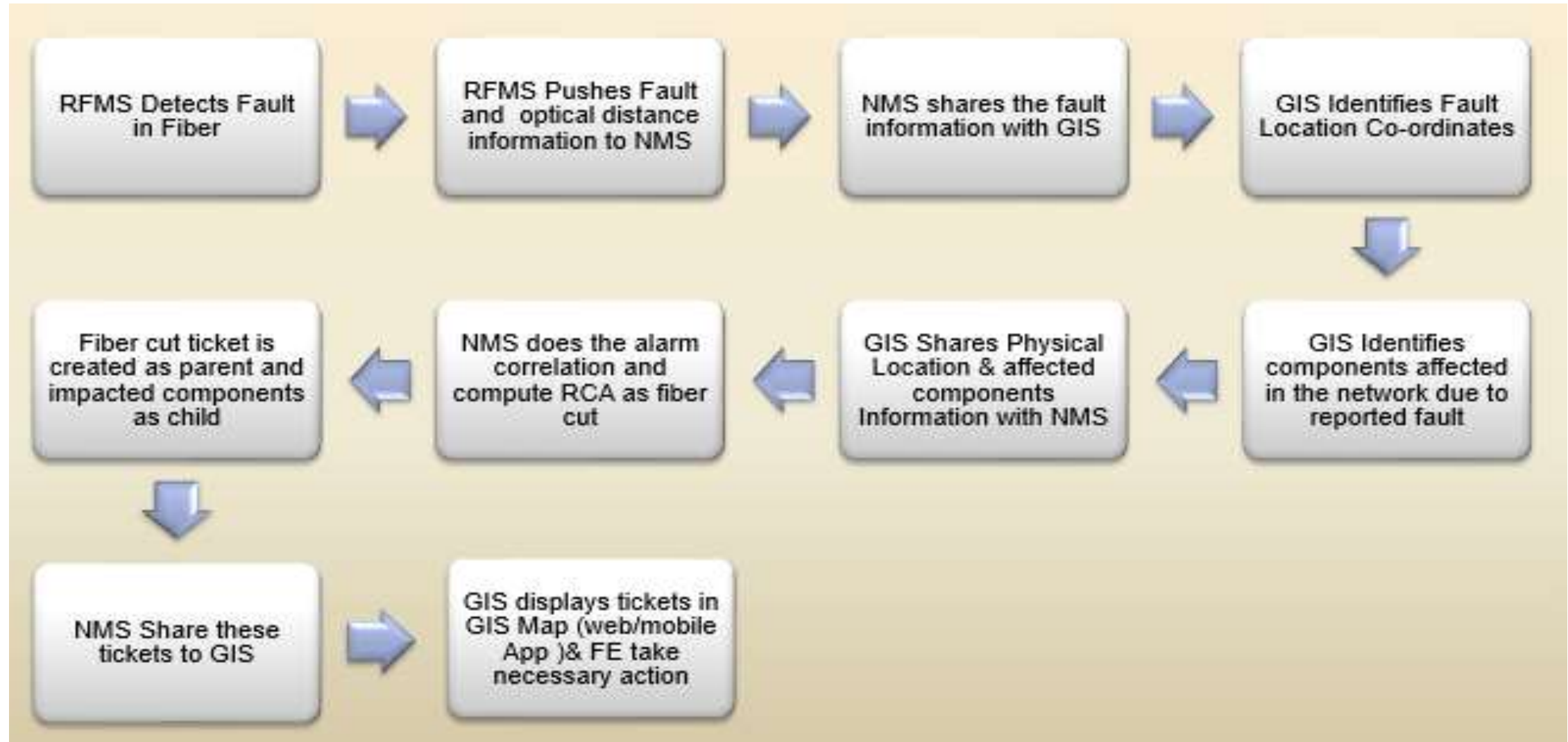
☐ Hide unavailable items.

OK Close Apply

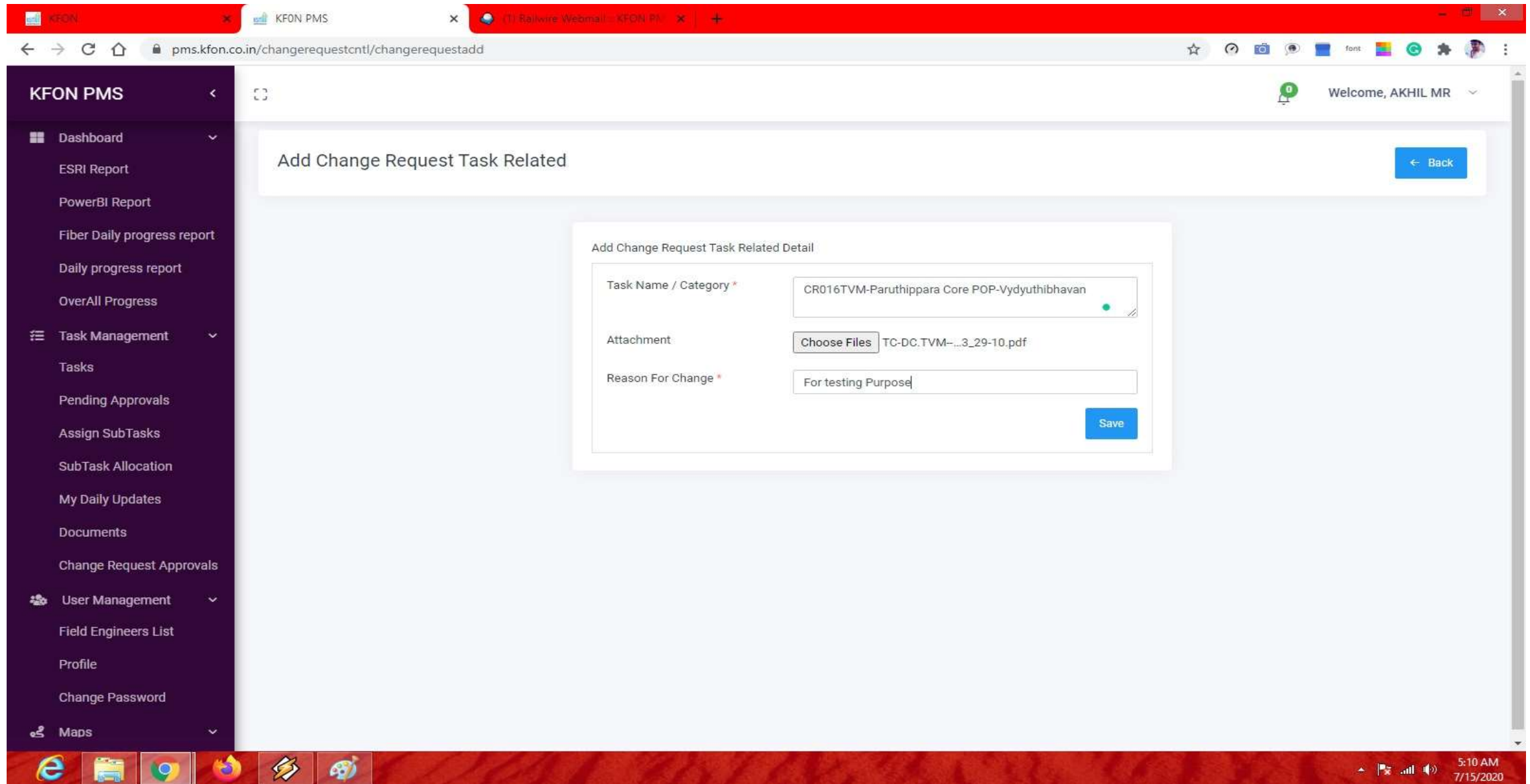
FDMS to Router Connectivity



- The GIS System will be integrated with the RFMS & NMS Systems through the Rest API. Once the Telecom Data Model migration is done, the OUT Device in the POP location will identify the optical distance from the OUT port to the fiber cut location
- This optical distance information will be pushed to NMS and then to GIS
- GIS will Identify the Latitude/Longitude of the fiber cut location & the physical distance to the location
- GIS will also identify the impacted devices
- The identified details will be pushed to NMS and then tickets will be generated in NMS and further to the O & M Mobile Application of the GIS system



Change Request Management – Adding Change request



The screenshot displays the KFON PMS web application interface. The browser's address bar shows the URL `pms.kfon.co.in/changerequestcntl/changerequestadd`. The left sidebar contains a navigation menu with the following items: Dashboard, ESRI Report, PowerBI Report, Fiber Daily progress report, Daily progress report, OverAll Progress, Task Management (expanded), Tasks, Pending Approvals, Assign SubTasks, SubTask Allocation, My Daily Updates, Documents, Change Request Approvals, User Management (expanded), Field Engineers List, Profile, Change Password, and Maps. The main content area is titled 'Add Change Request Task Related' and features a 'Back' button. Below this, a form titled 'Add Change Request Task Related Detail' contains the following fields: 'Task Name / Category *' with the value 'CR016TVM-Paruthippara Core POP-Vydyuthibhavan', 'Attachment' with a 'Choose Files' button and the filename 'TC-DC.TVM-...3_29-10.pdf', and 'Reason For Change *' with the value 'For testing Purpose'. A 'Save' button is located at the bottom right of the form. The top right of the page shows a user profile with the text 'Welcome, AKHIL MR'.

Change Request Management – Task level

KFON PMS

Dashboard

ESRI Report

ADSS

PoP

End Offices

EO-FIBRE

OPGW-A

OPGW-B

PowerBI Report

Fiber Daily progress report

OverAll Progress

Task Management

Change Request

Tasks

Pending Approvals

Documents

Change Request Approvals

User Management

Profile

0

Welcome, PRAVEENKUMAR C. H

Change Request List - Task Related


Show entries10

Search:

Sl No	CR Id	Created On	Task Name / Category	Reason for the change	BEL DC Status	BEL PM Status	PMU Status	Upload	Action
1	002CR1507	2020-07-15 05:41:19	CR016TVM-Paruthippara Core POP-Vydyuthibhavan	For testing Purpose	Approve			view	Change
2	004CR1507	2020-07-15 05:49:21	CP001TVM-Paruthippara-Installation, Commissioning & Testing-IN-CR1.2	for the rejection testing purpose	Reject			view	Change

Showing 1 to 2 of 2 entries

[Previous](#)[1](#)[Next](#)



5:23 AM

7/15/2020

- Changing the quantities at the Subtask level

KFON PMS

Dashboard

ESRI Report

PowerBI Report

Fiber Daily progress report

Daily progress report

OverAll Progress

Task Management

Tasks

Pending Approvals

Assign SubTasks

SubTask Allocation

My Daily Updates

Documents

REV.ESTDQTY Approval

User Management

Field Engineers List

0

Welcome, AKHIL MR

RevisedEstdQty List

Show entries 10

Search: CR016

Previous 1 2 Next

Sl No	District	TaskName	SubTaskName	BOQId	Estd.Qty	Restd.Qty	%	SRIT DC	BEL DC	KSITIL PMA	Action
1	Thiruvananthapuram	CR016TVM-Paruthippara-Vaidyuthi Bhavan-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-CR2.2	24F ADSS fiber optic cable	A13-I-24F ADSS OFC	5140	5140	0.00%	Pending	Pending	Pending	Change
2	Thiruvananthapuram	CR016TVM-Paruthippara-Vaidyuthi Bhavan-Fibre Installation & Testing-Pkg A-Fibre & Accessories-	Anchoring / Tensioning clamp assembly for the poles-Type I	A15-I-Tension Clamp - Type I	38	38	0.00%	Pending	Pending	Pending	Change

Showing 1 to 10 of 11 entries

- Approval by authority

The screenshot displays the KFON PMS web application interface. A modal window titled 'Remarks' is open, showing the 'Approval' tab. The form contains the following fields and controls:

- Revised Estimated Qty ***: A text input field containing the value '5140'.
- Remarks ***: A text area containing the text '000CR1507'.
- Upload**: A file upload section showing '1 files were chosen' and a 'Choose Files' button. Below it, text indicates supported file types (jpg, jpeg, doc, docx, xls,xlsx & pdf) and a maximum upload file size of 5MB.
- Status***: A radio button selection with 'Approve' selected.
- Submit**: A blue button to submit the form.
- Close**: A button in the bottom right corner of the modal.

The background shows the KFON PMS dashboard with a sidebar menu including Dashboard, ESRI Report, ADSS, PoP, EO-FIBRE, PowerBI Report, Fiber Daily progress report, Daily progress report, OverAll Progress, Task Management, Tasks, Pending Approvals, Assign SubTasks, and SubTask Allocation. The top right of the dashboard shows a welcome message 'Welcome, AKHIL MR'.

Add Ticket

Task

Select Task

SubTask

Priority *

-Select Priority-

Category *

-Select Category-

Issue Type *

-Select Issue Type-

Description

Upload File*

Choose Files

No file chosen

Submit

Supported file types : jpg, jpeg, doc, docx, xls, xlsx & pdf.

Maximum upload file size : 2MB.

- To assign the ticket to the peer / next level user, the user needs to click on Change Button

KFON PMS

Dashboard

Task Management

User Management

Reports Management

Maps

Change Request

Ticket Management

Tickets

Add Ticket

Welcome, NANDAKUMAR S A

Ticket List

Show entries: 10 Search:

Sl No	Ticket No	Taskname	Subtask Name	Category	Priority	Issue Type	Description	District	Status	Action
1	000TR1709	CP001TVM-Paruthippara-Phase I-Installation-VI-CR1.2	Desktop Computers	Medium	Task Related	Others	resubmit task to FE0013 to install additional desktop computer, revised estimated qty is 2	Thiruvananthapuram	Closed	Change
2	001TR1709	CR008TVM-Paruthippara Core POP_SDC-H-Fibre Installation II-Testing-Pkg A-Fibre & Accessories-VI-CR2.2	24F ADSL fiber optic cable	High	Task Related	Others	Reassign all subtasks to FE0013	Thiruvananthapuram	Open	Change

Showing 1 to 2 of 2 entries

Previous 1 Next

Remarks

Approval

History

Remarks *

Remarks

Upload *

Choose files To Upload

Choose Files

Supported file types : jpg, jpeg, doc, docx, xls, xlsx & pdf.
Maximum upload file size : 2MB.

Approve Process

Select status

Assign to

Select

Submit

Close

The Users can track the Tickets raised and it's current status

Online Users **1**

0

Welcome, ADMIN

Ticket List

Show entries: 10

Search:

Sl No	Ticket No	Taskname	Subtask Name	Category	Priority	Issue Type	Description	District	Status	Action
1	000TR1709	CP001TVM-Paruthippara-Phase I-Installation-IN-CR1.2	Desktop Computers	Medium	Task Related	Others	resubmit task to FE0013 to install additional desktop computer. revised estimated qty is 2.	Thiruvananthapuram	Closed	Change
2	001TR1709	CR008TVM-Paruthippara Core POP_SDC-II-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-CR2.2	24F ADSS fiber optic cable	High	Task Related	Others	Reassign all subtasks to FE0013	Thiruvananthapuram	Open	Change
3	002TR2909	CP009PLK-Parali-Phase I-Installation-IN-CR1.2		High	Task Related	No Connectivity	for testing purpse	Alappuzha	Open	Change
4	003TR2909	AP101KGD-West Eleri-Phase I-Installation-IN-AR1.2KGD		High	Task Related	No Connectivity	For Testing Purpose	Alappuzha	Closed	Change
5	004TR2909	CP004ALP-Punnappa-Phase I-Installation-IN-CR1.2		High	Task Related	No Connectivity	For testing Purpose	Alappuzha	Closed	Change
6	005TR2909	NOC Phase I Materials-Installation-Pkg A-IT/Non-IT-IN-NOC1.2		High	Task Related	Others	This is for the testing purpose	Alappuzha	Open	Change
7	006TR3009	CE006KTM-New Pallom-Fibre Installation		High	Task Related	No Connectivity	We cant able to continue this work	Alappuzha	Open	Change

Support Ticket Management – Closing Tickets

Once the Assignee of the ticket has taken appropriate action against the issue raised, he can close the Ticket

Online Users 1 Welcome, ADMIN

Ticket List

Show entries 10 Search:

Sl No	Ticket No	Taskname	Subtask Name	Category	Priority	Issue Type	Description	District	Status	Action
1	000TR1709	CP001TVM-Paruthippara-Phase I-Installation-IN-CR1.2	Desktop Computers	Medium	Task Related	Others	resubmit task to FE0013 to install additional desktop computer. revised estimated qty is 2.	Thiruvananthapuram	Closed	Change
2	001TR1709	CR008TVM-Paruthippara Core POP_SDC-II-Fibre Installation & Testing-Pkg A-Fibre & Accessories-IN-CR2.2	24F ADSS fiber optic cable	High	Task Related	Others	Reassign all subtasks to FE0013	Thiruvananthapuram	Open	Change
3	002TR2909	CP009PLK-Parali-Phase I-Installation-IN-CR1.2		High	Task Related	No Connectivity	for testing purpose	Alappuzha	Open	Change
4	003TR2909	AP101KGD-West Eleri-Phase I-Installation-IN-AR1.2KGD		High	Task Related	No Connectivity	For Testing Purpose	Alappuzha	Closed	Change
5	004TR2909	CP004ALP-Punnappa-Phase I-Installation-IN-CR1.2		High	Task Related	No Connectivity	For testing Purpose	Alappuzha	Closed	Change
6	005TR2909	NOC Phase I Materials-Installation-Pkg A-IT/Non-IT-IN-NOC1.2		High	Task Related	Others	This is for the testing purpose	Alappuzha	Open	Change
7	006TR3009	CE006KTM-New Pallom-Fibre Installation 2		High	Task Related	No Connectivity	We cant able to continue this work	Alappuzha	Open	Change

Remarks

Approval History

Remarks *

Remarks

Upload *

Choose files To Upload Choose Files

Supported file types : jpg, jpeg, doc, docx, xls, xlsx & pdf.
Maximum upload file size : 2MB.

Approve Process

Select status

Assign to

Select

Submit

Close

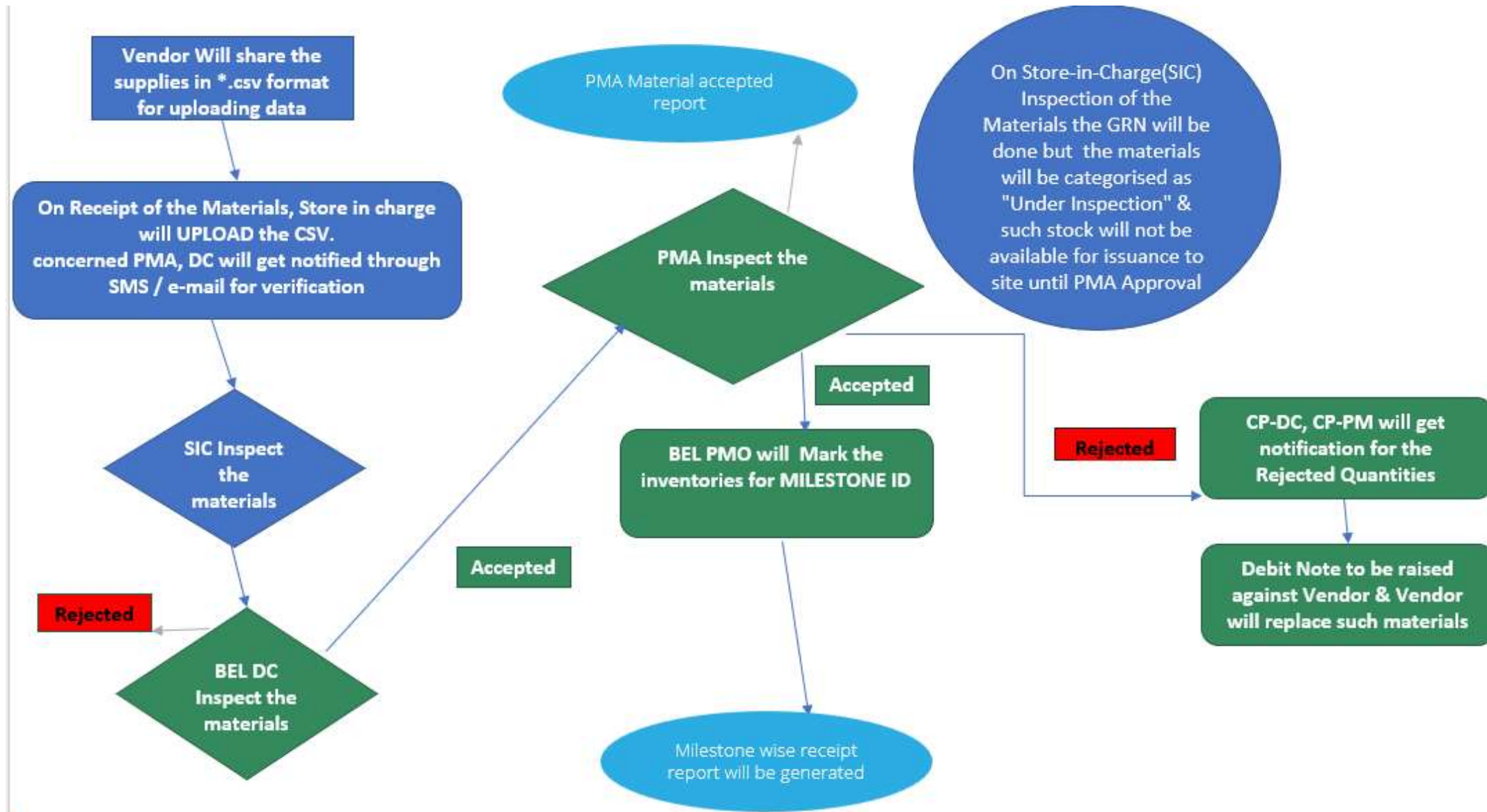
- A dedicated O & M Application is provided for receiving the fiber cut tickets and then resolving it
- Any data updation in the Network during the O & M can also be done with the mobile application



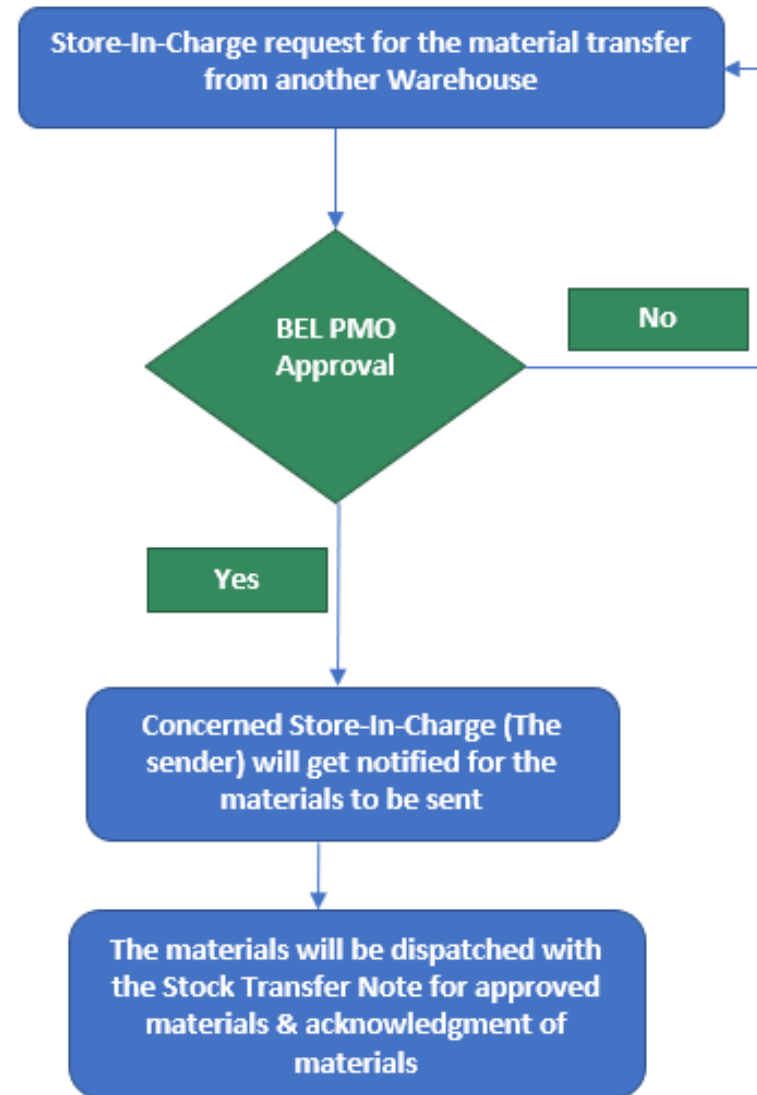


[Back](#)

Material Request and Inspection Process

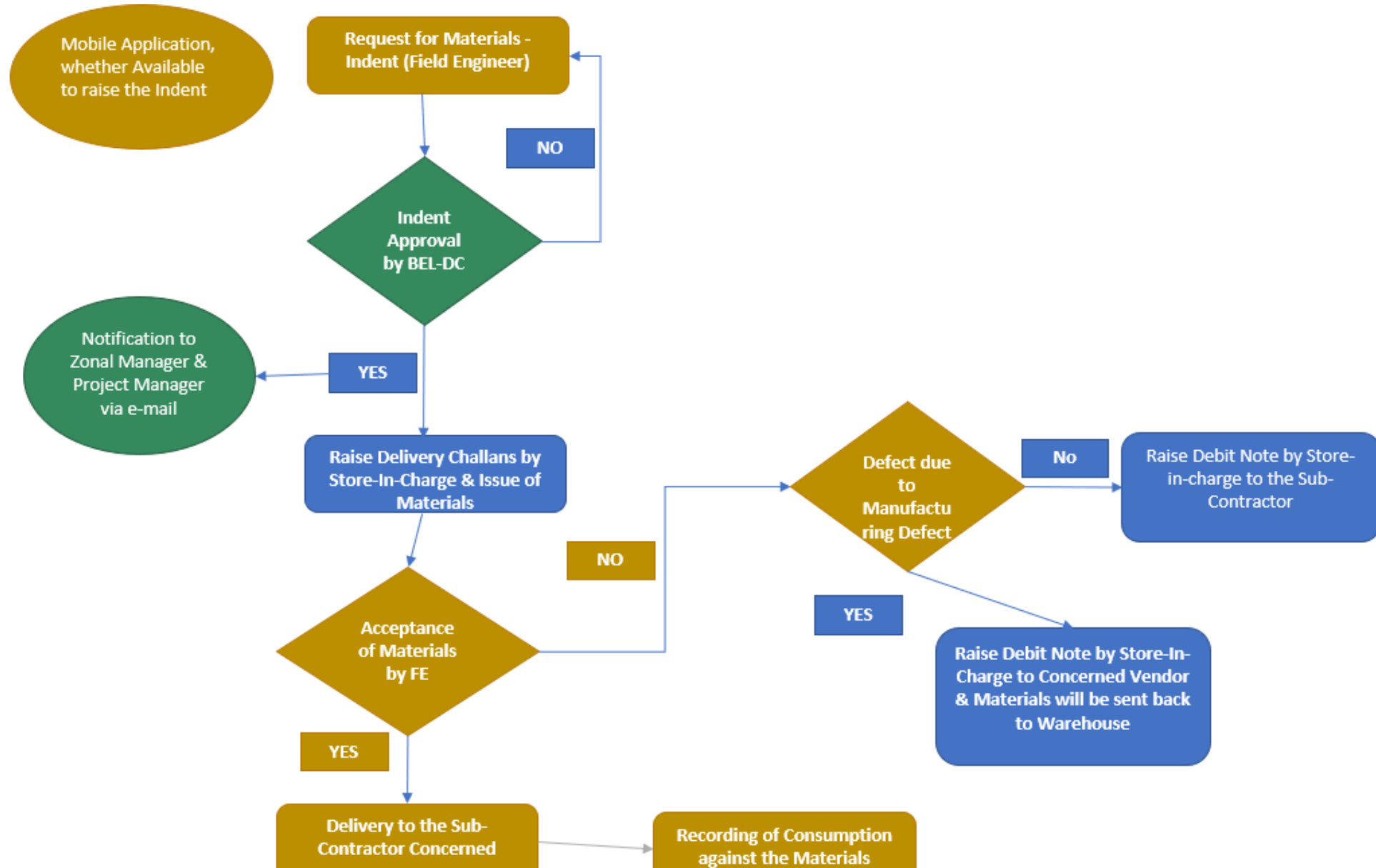


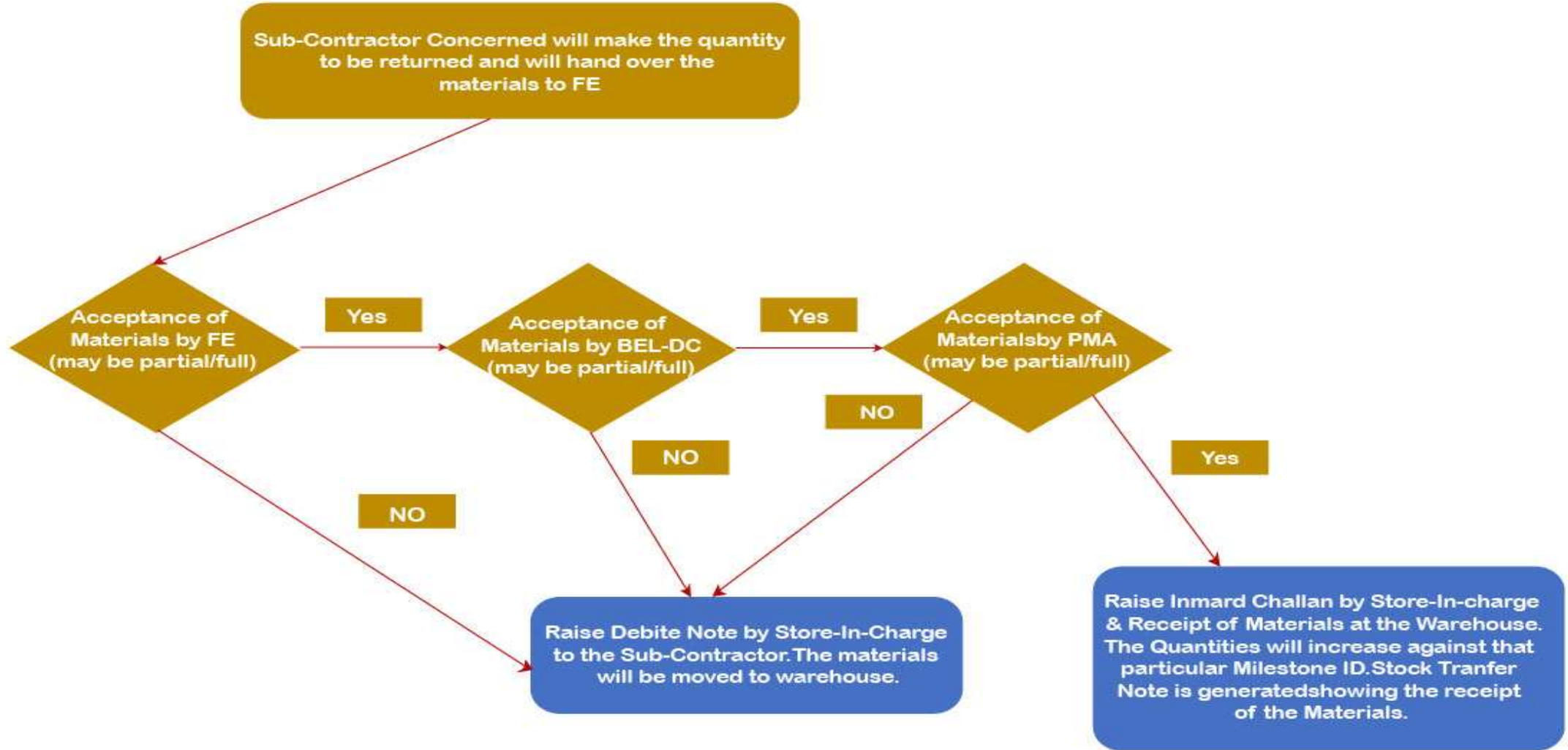
Material Transfer Process (between warehouses)

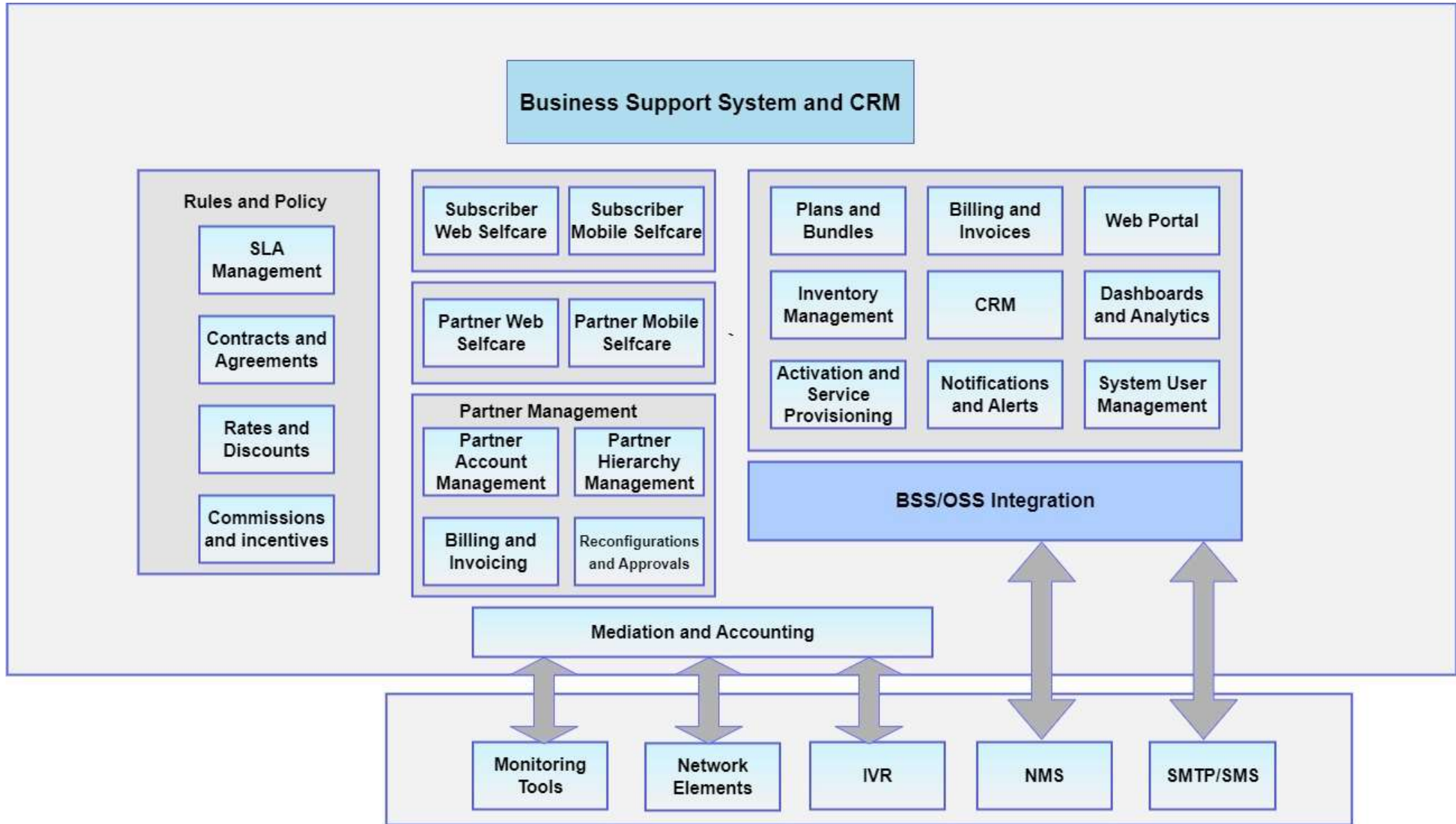


Reflection of materials quantities at respective warehouses

Material Indent Process







OSS/BSS

- Analytical Dashboards & Reporting
- Enterprise Management Web Portal
- Billing and Invoicing
- Customer Relationship Management (CRM)
- Inventory/Device Management
- Product Management
- Provisioning
- Revenue/Reconciliation Management
- Subscriber Data Management
- Subscriber Web Portals (Self Care)
- Subscriber Self Care Mobile App
- Partner Management
- Partner Web Portals (Self Care)
- Partner Self Care Mobile App
- Trouble Ticketing
- Automated Usage Alerts and Notifications

AAA & Policy Management

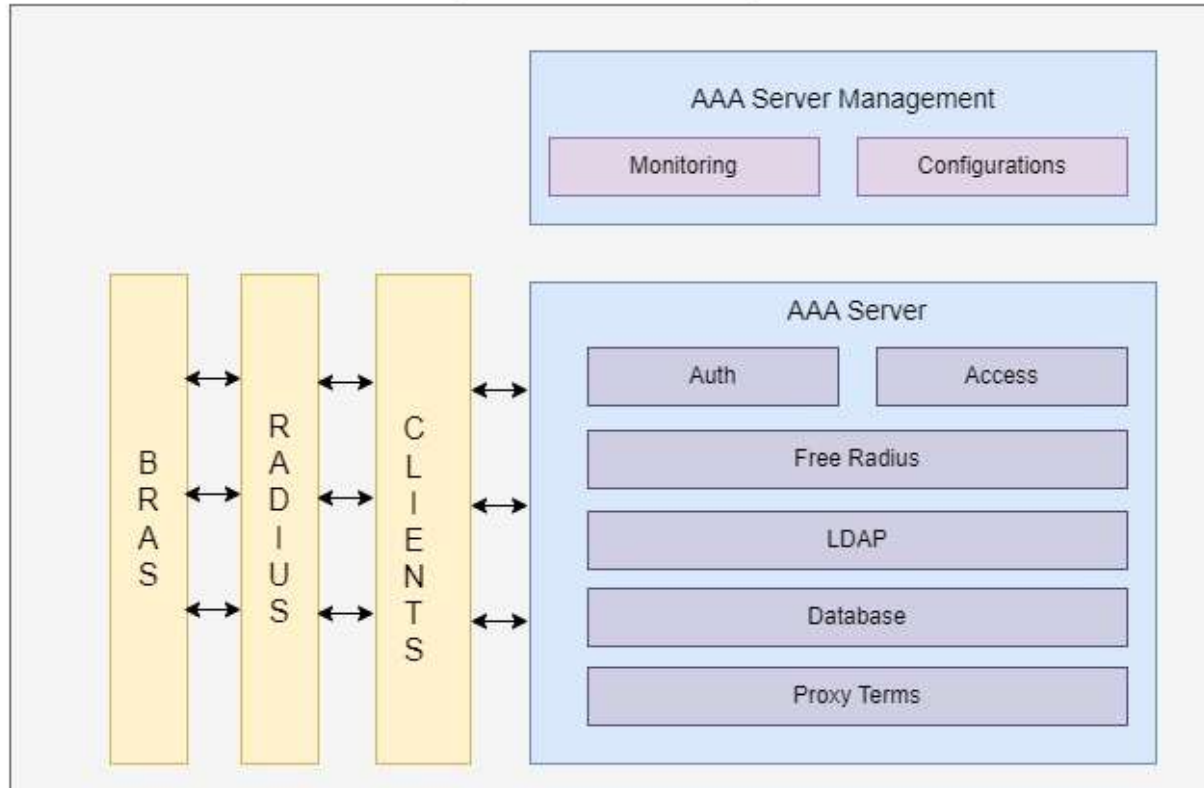
- High Performance Radius Services
- Central & Distributed Deployment
- Multi-Vendor Network Element Support
- Scripting and REST interface
- Web interface for Monitoring & Support
- Analytical Dashboards & Reporting
- Policy Management interface for BSS

Technologies & Services

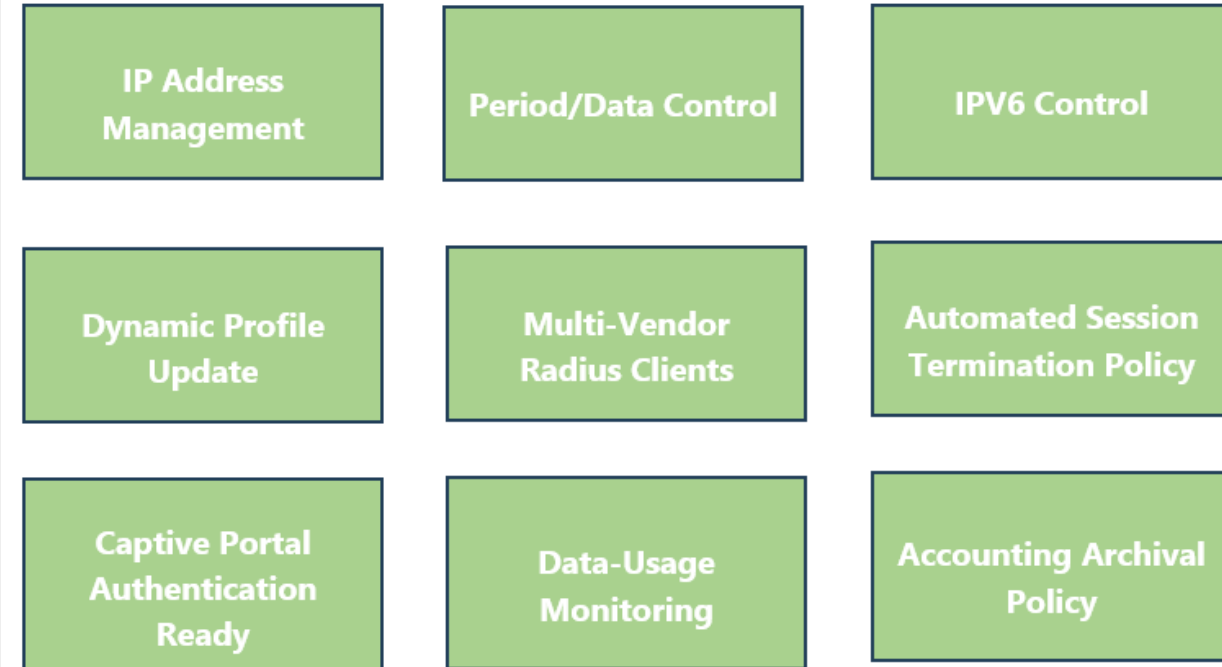
- Robust Solution to Manage entire life cycle of BSS/OSS
- Multitenancy
- Support Cloud and On-Premises Deployments
- Development & Implementation
- Customization & Training
- 27/7/365 Support & Insourcing
- Monitoring Tools
- MySQL/HTML/JS/PHP/Python
- Highly Scalable Architecture Framework

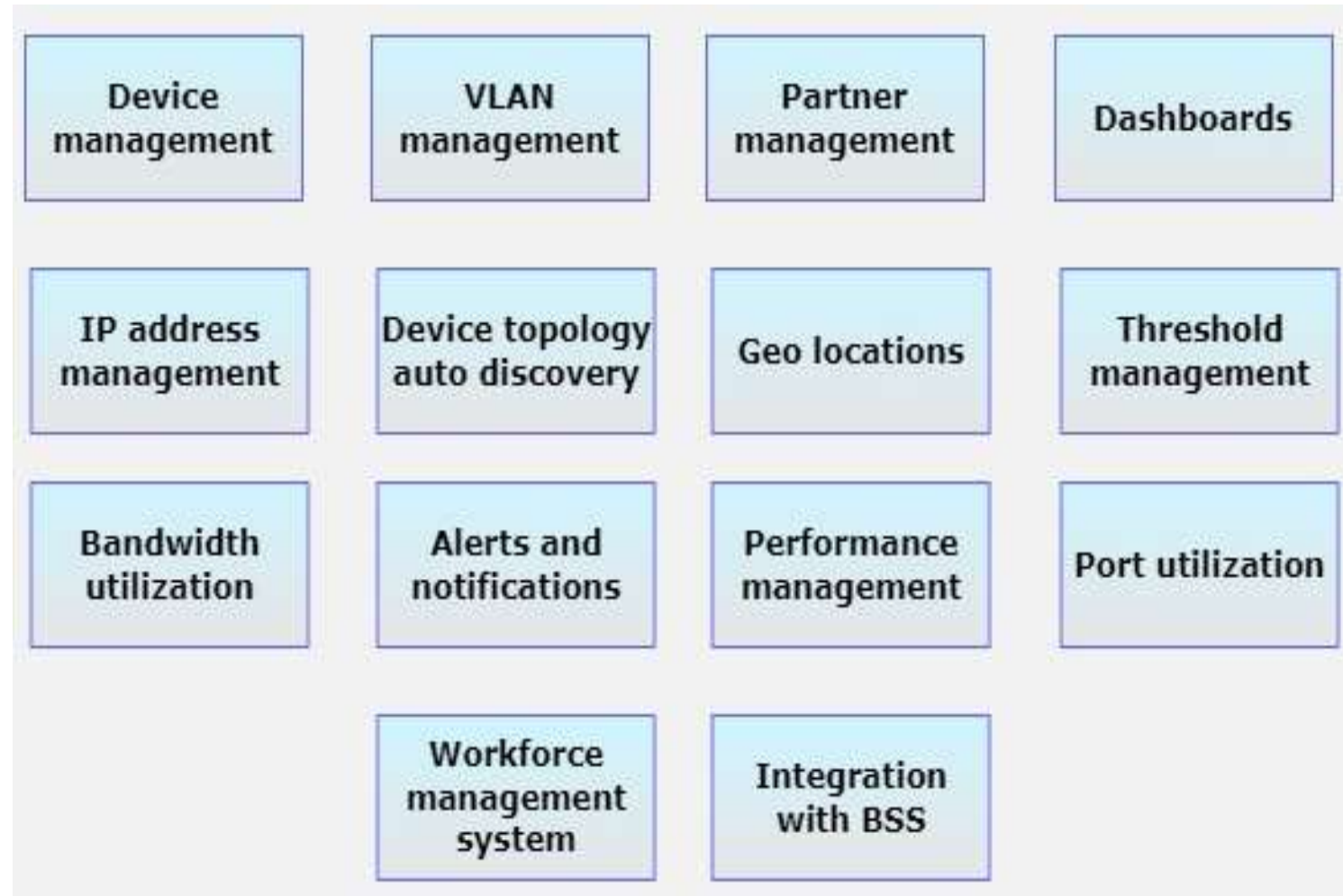
Module	Endpoint	Interface	Description
Billing	EMS	Rest API, FTP	Fetch Billing Records/CDRs/Analytical Data/Logs
CRM	Network and Service Management	Rest API	Service Profile & Provisioning
AAA	BRAS/BNG/Networking Devices	Radius	Authentication/ Authorization/ Accounting
CRM/Self Care	Payment Gateway	Rest API, Vendor PGI API	Fetching customer information and services
Mobile Self Care	EMS, Payment Gateway	Rest API, Vendor PGI API	Fully functional Selfcare and Customer Services
Issue Management	Alarms/Ticketing	Rest API	Manual and Autogenerated Tickets
BSS & Network Services	SMS/Email Server	SMTP/Vendor SMS APIs	Sending Notifications

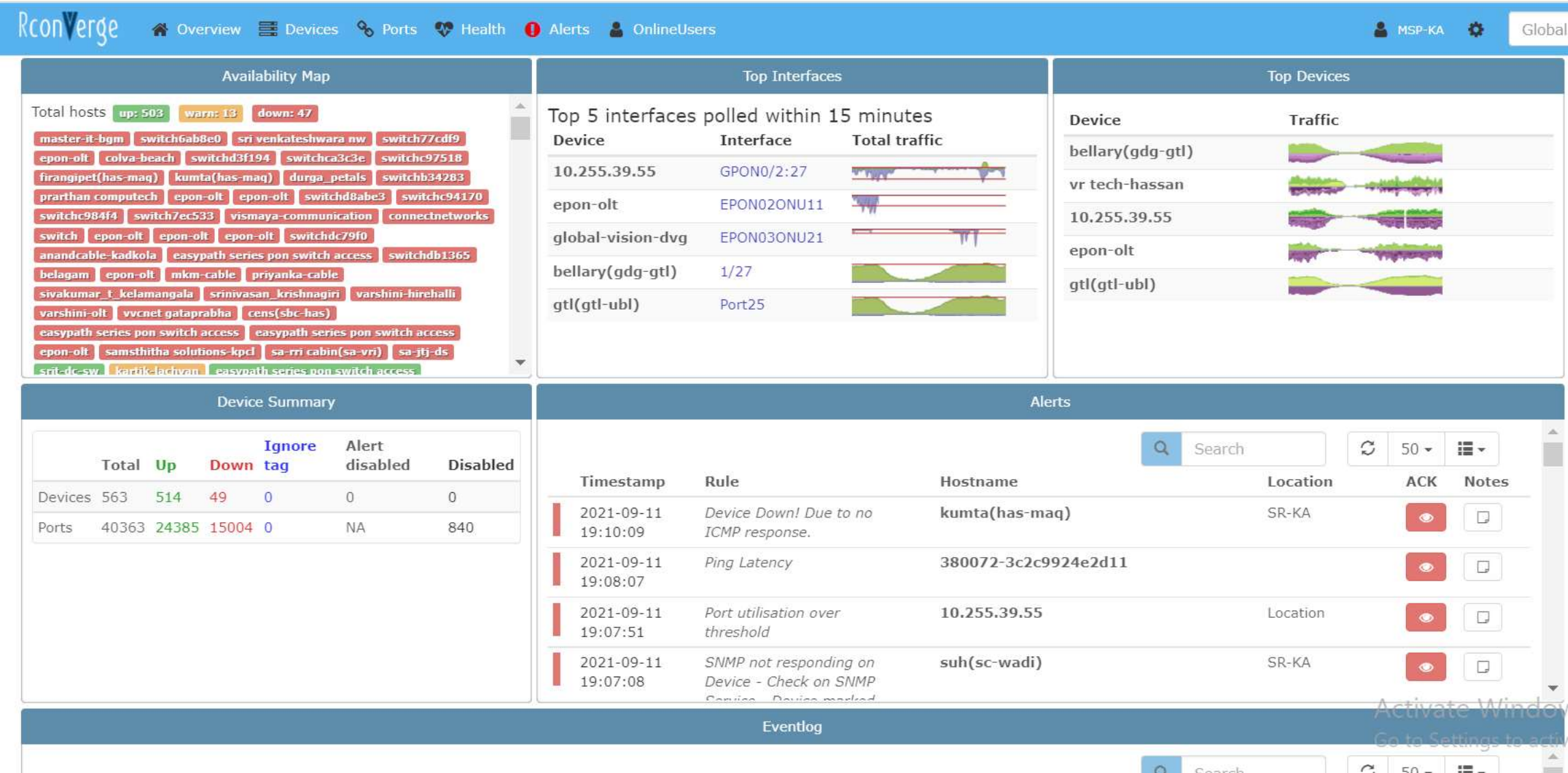
AAA Architecture



AAA Standard Use Cases







SRIT



WORLD'S
FIRST SSE-CMM
LEVEL 5 COMPANY

RconVerge

Overview

Devices

Ports

Health

Alerts

OnlineUsers

MSP-KA

Global

Dashboards

admin

All Devices

Device Groups

Geo Locations

Total hosts

up: 500

warn: 13

down: 50

master-it-bgm

switch6ab8e0

sri venkateshwara nw

switch

epon-olt

colva-beach

switchd3f194

switchca3c3e

switch

firangipet(has-maq)

kumta(has-maq)

rayakottai(sa-hsra)

durga_petals

switchb34283

prarthan computech

epon-olt

wadi(sc-wadi)

switchd8abe3

switchc94170

switch984f4

switch7ec533

suh(sc-wadi)

visnaya-communication

conne

switch

epon-olt

epon-olt

epon-olt

switchdc79f0

anandcable-kadkola

easypath series pon switch access

switch

belagam

epon-olt

mkm-cable

priyanka-cable

sivakumar_t_kelamangala

srinivasan_krishnagiri

varshini-hir

varshini-olt

vvcnet gataprabha

cens(sbc-has)

easypath series pon switch access

easypath series pon switch a

epon-olt

sanistha solutions-kod

sa-niceolm(sa-wr)

sa-i

Device Summary

	Total	Up	Down	Ignore tag	Alert disabled
Devices	563	514	49	0	0
Ports	40363	24385	15004	0	NA

All Locations

16.2395,74.7586

8494911042

Alnavar

Anekal

anilkumar@railwire.co.in

Anusha Cable Network-Badami

Aran Jyothi

Ashokapuram

Avinet Solution - Gulbarga

Bagalkot

Bantwal Cable Network-Bantwal

Belgaum

Bellur

BG Nagar

BGM

Bidar Railway Station

Bijapura

Carmelaram

Chamarajnagar

Chamundi TV Channels - MYS

Channarayapatna

Chikajajur

Top Devices

Device	Traffic
iprocc	
bellary(gdg-gtl)	
vr tech-hassan	
global-vision-dvg	
gtl(gtl-ubl)	

Alerts

Search

50

stname

Location

ACK

Notes

akottai(sa-hsra)

SR-KA

n-olt

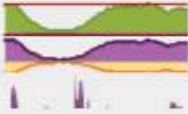


Location

o-hosur

r(sc-wadi)

SR-KA



<div>OverviewDevicesPortsHealthAppsRoutingAlertsOnlineUsersadminGlobal Search</div>						
<div>1/26<div>D-Link DGS-3000-28XS R4.12.B007 Port 26</div></div>		<div><div>← 1.49 Gbps</div><div>→ 168.21 Mbps</div><div>← 142.96 kpps</div><div>→ 83.13 kpps</div></div>	10 Gbps fullDuplex VLAN: 1	Ethernet -	78:98:e8:a7:6d:5a MTU 1500	
<div>1/27<div>D-Link DGS-3000-28XS R4.12.B007 Port 27</div></div>		<div><div>← 163.52 Mbps</div><div>→ 1.43 Gbps</div><div>← 80.25 kpps</div><div>→ 137.88 kpps</div></div>	10 Gbps fullDuplex VLAN: 1	Ethernet -	78:98:e8:a7:6d:5b MTU 1500	
<div>1/28<div>D-Link DGS-3000-28XS R4.12.B007 Port 28</div></div>		<div><div>← 4.68 Mbps</div><div>→ 54.99 Mbps</div><div>← 2.87 kpps</div><div>→ 5.08 kpps</div></div>	1 Gbps fullDuplex VLAN: 1	Ethernet -	78:98:e8:a7:6d:5c MTU 1500	

RconVerge

Overview

Devices

Ports

Health

Apps

Routing

Alerts

OnlineUsers

admin

Global Search

Ports lists » Basic | Detail

Graphs » Bits | Unicast Packets | Non-Unicast Packets | Errors

Export CSV | Update URL | Search | Header | Bulk actions » Purge all deleted

All Devices

Hostname

All States

All Speeds

All Media

All Port Types

Port Description

All Locations

Ignored

Disabled

Deleted

Search

Reset

50

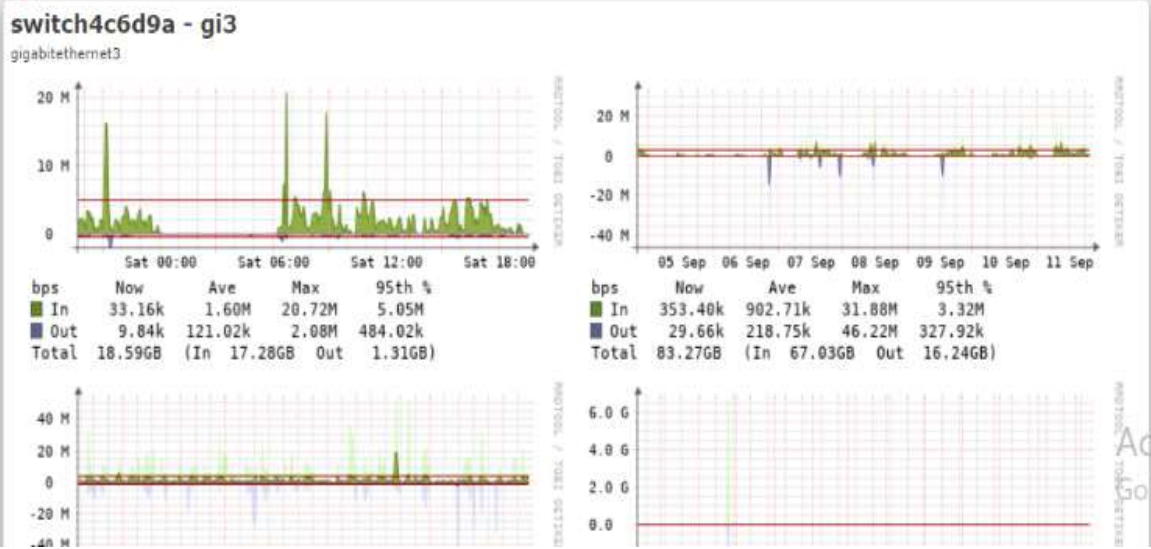
Device	Port	Status Changed	Speed	Down	Up	Errors In	Out	Media	Description	Actions
avinashi	eth1/0/27	a year	10Gbps	17.95Mbps	343.93Mbps	3581119742	1523066064	ethernetCsmacd	LCO: MANIGANDAN CAB;E	<div></div> <div></div>
s4600-28p-si	Ethernet1/0/28	a month	1Gbps	360.91Mbps	15.38Mbps	3243892497	369136822	ethernetCsmacd	Ethernet1/0/28	<div></div> <div></div>
s4600-28p-si	Vlan5	9 days		360.91Mbps	15.38Mbps	3243892497	369136822	I3ipvlan	Vlan5	<div></div> <div></div>
avinashi	eth1/0/26	a year	10Gbps	29.45Mbps	323.41Mbps	2820719101	1461045508	ethernetCsmacd	SINDHU CABLE	<div></div> <div></div>
avinashi	eth1/0/11	a year	1Gbps	51.97Mbps	446.26Mbps	2805678683	1904999324	ethernetCsmacd	CIBI NETLINK OLT TAGGED	<div></div> <div></div>
srihariharan	eth1/0/27	11 days	10Gbps	169.07Mbps	3.72Mbps	2800817875	38702740	ethernetCsmacd	D-Link Corporation DGS-1250-28X HW A1 firmware 1.00.040 Port 27	<div></div> <div></div>
gi(cgl-tbm)	Port26	4 years	10Gbps	1.01Gbps	66.68Mbps	997040432	0	ethernetCsmacd	SBB: To CTM(CGL-TBM) on Eth 1/25	<div></div> <div></div>
avinashi	eth1/0/28	a year	10Gbps	1.67Gbps	162.42Mbps	895377547	243557451	ethernetCsmacd	I/P FROM VMJ	<div></div> <div></div>

switch4c6d9a
CISCO

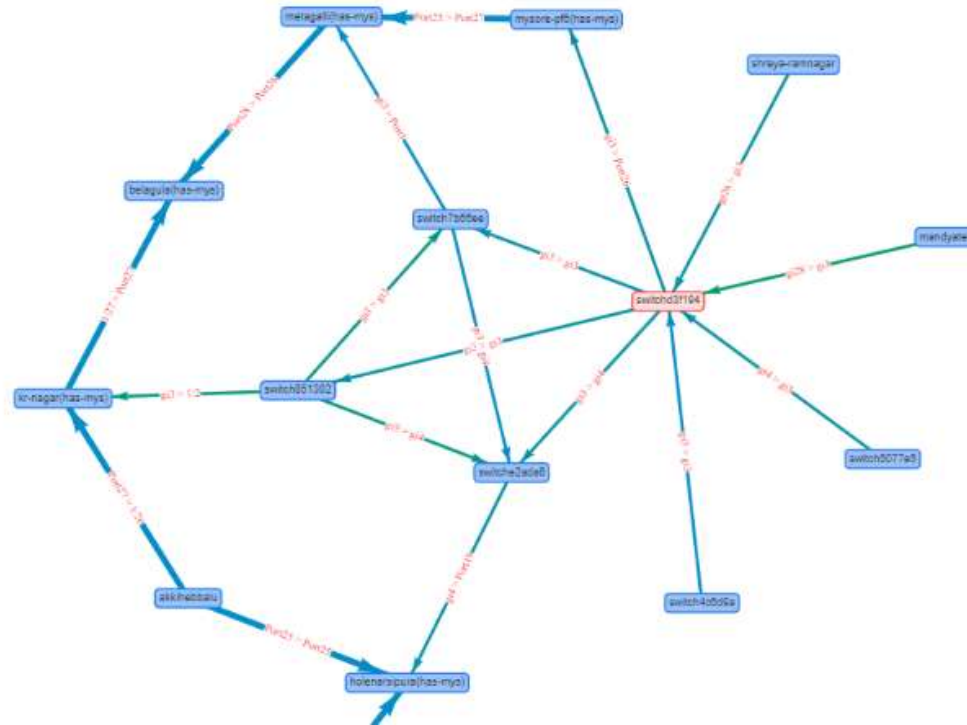


VLANs » Basic | Graphs: Bits | Unicast Packets | Non-Unicast Packets | Errors

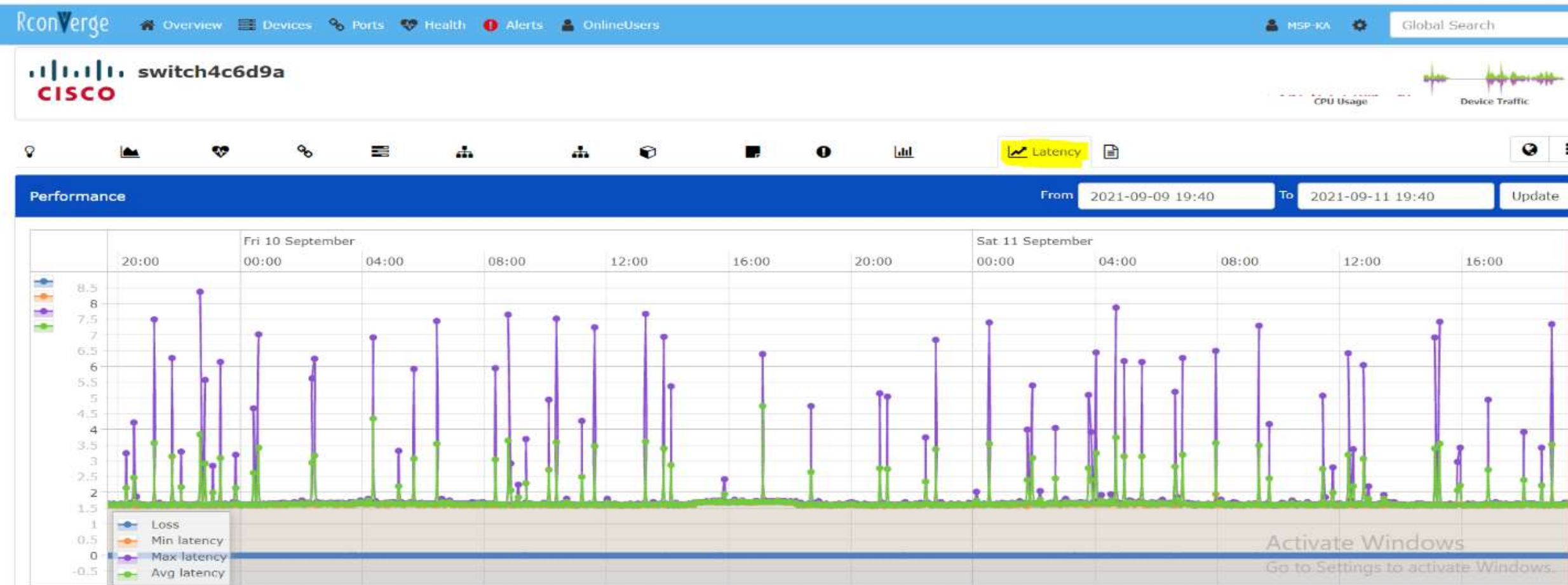
VLAN Number	VLAN Name	Ports
361	Ganesh	fa1(U), fa2(U), fa3(U), fa4(U), fa5(U), fa6(U), fa7(U), fa8(U), fa9(U), fa10(U), fa11(U), fa12(U), fa13(U), fa14(U), fa15(U), fa16(U), fa17(U), fa18(U), fa19(U), fa20(U), fa21(U), fa22(U), fa23(U), gi1, gi2(U), gi3, gi4(U)
309	Mylsandra	gi1, gi2, gi3, gi4



Activate Windows
Go to Settings to activate Windows.



Latency & Loss





Timestamp	Type	Hostname	Message	User
2021-09-11 21:55:04	down	vismaya-communication	Device status changed to Down from icmp check.	System
2021-09-11 21:54:40	discovery	hassan(has-mys)	LLDP discovery of HAS-C920-WIFI-T4-SR failed - Check name lookup	System
2021-09-11 21:54:35	1/10	ckr(bgm-mrj)	IfDuplex: fullDuplex -> unknown	System
2021-09-11 21:54:35	1/10	ckr(bgm-mrj)	ifHighSpeed: 100 -> 0	System
2021-09-11 21:54:35	1/10	ckr(bgm-mrj)	IfSpeed: 100000000 -> 0	System
2021-09-11 21:54:35	1/10	ckr(bgm-mrj)	ifOperStatus: up -> down	System
2021-09-11 21:54:34	stp	bgm_distribution(Id-bgm)	STP topology changed after: 29 seconds	System
2021-09-11 21:54:30	discovery	hassan(has-mys)	LLDP discovery of HAS-J204-PE-T3-SR failed - Check name lookup	System

Health > Memory | Processor | Storage | Fanspeed | Temperature | **Current** | Power | Voltage | Count | dBm | Loss | State

Graphs | [See Graphs](#)

Search

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Device	Sensor	Current	Low Limit	High Limit
switch4c6d9a	gigabitethernet3 Bias Current	0.50 mA	-	-
switch5077e5	gigabitethernet4 Bias Current	0.13 mA	-	-
mandyatele	gigabitethernet28 Bias Current	10.28 mA	-	-
brightcable	GigabitEthernet20 Bias Current	11.76 mA	-	-
hindu-cable	GigabitEthernet28 Bias Current	10.04 mA	-	-
mariamman-cable	gigabitethernet28 Bias Current	15.3 mA	-	-
andavarcable	gigabitethernet3 Bias Current	10.05 mA	-	-
switch610c7a	GigabitEthernet25 Bias Current	17.73 mA	-	-
switch810c7a	GigabitEthernet26 Bias Current	15.30 mA	-	-
switch610c7a	GigabitEthernet27 Bias Current	11.49 mA	-	-
slsl-kmo-rw	gigabitethernet27 Bias Current	15.19 mA	-	-

Health > Memory | **Processor** | Storage | Fanspeed | Temperature | Current | Power | Voltage | Count | dBm | Loss | State

Graphs | [See Graphs](#)

Search

50

Device	Processor	Usage
poopl2	Processor	15% 85%
10.255.0.10	Processor	13% 87%
railwire switch 10g	Processor	31% 69%
durga_petals	Processor	12% 88%
10.255.0.150	Processor	10% 90%
t1600g-28ts	Proc #1	9% 91%
railwirehub'	Processor	10% 90%
railwire_distribution_switch-srit_tower	Processor	9% 91%
10.255.0.8	Processor	10% 90%
switch4c6d9a	CPU	1% 99%
shreya-ramnagar	CPU	3% 97%

Health > **Memory** | Processor | Storage | Fanspeed | Temperature | Current | Power | Voltage | Count | dBm | Loss | State

Graphs | [See Graphs](#)

Search

50

Device	Memory	Used	Usage
tarus	Memory	65 B / 100 B 35 B	65%
tpm(tpj-tdpr-vn)	Memory	65 B / 100 B 35 B	65%
xrgm(tpj-tdpr)	Memory	65 B / 100 B 35 B	65%
vldi(tpj-tdpr)	Memory	65 B / 100 B 35 B	65%
lli(tpj-tdpr)	Memory	65 B / 100 B 35 B	65%
kttr(tpj-tdpr)	Memory	65 B / 100 B 35 B	65%
pmb(tpj-tdpr)	Memory	65 B / 100 B 35 B	65%
kkpm(tpj-tdpr)	Memory	65 B / 100 B 35 B	65%
zab-church	Memory	88 B / 100 B 12 B	88%
per(ms-ajj)	Memory	247.98 MB / 512 MB 264.62 MB	48%
gventerprises	Memory	88 B / 100 B 12 B	88%

Health > Memory | Processor | **Storage** | Fanspeed | Temperature | Current | Power | Voltage | Count | dBm | Loss | State

Graphs | [See Graphs](#)

Search

50

Device	Storage	Used	Usage
tbm_cgl_tbm-rw-sw	/dev/ds0s1s, mounted on: /	111.78 MB / 182.79 MB 71.01 MB	61%
tbm_cgl_tbm-rw-sw	/dev/ds0s3d, mounted on: /var/tmp	190 KB / 368.86 MB 368.67 MB	0%
tbm_cgl_tbm-rw-sw	/dev/ds0s3e, mounted on: /var	5.86 MB / 123.88 MB 118.0 MB	5%
tbm_cgl_tbm-rw-sw	/dev/ds0s4d, mounted on: /config	303 KB / 61.73 MB 61.43 MB	0%
tbm_cgl_tbm-rw-sw	/dev/md17, mounted on: /tmp	12 KB / 221.84 MB 221.84 MB	0%
tbm_cgl_tbm-rw-sw	/dev/md18, mounted on: /var/run/db	19.97 MB / 117.88 MB 88.01 MB	17%
lbhk_cgl_tbm_via_voda	/dev/ds0s2e, mounted on: /	111.06 MB / 183.78 MB 72.73 MB	60%
lbhk_cgl_tbm_via_voda	/dev/ds0s3d, mounted on: /var/tmp	119.12 MB / 368.86 MB 248.89 MB	32%
lbhk_cgl_tbm_via_voda	/dev/ds0s3e, mounted on: /var	4.18 MB / 123.88 MB 118.76 MB	3%
lbhk_cgl_tbm_via_voda	/dev/ds0s4d, mounted on: /config	164 KB / 61.73 MB 61.57 MB	0%
lbhk_cgl_tbm_via_voda	/dev/md17, mounted on: /tmp	12 KB / 221.84 MB 221.84 MB	0%
lbhk_cgl_tbm_via_voda	/dev/md18, mounted on: /var/run/db	19.95 MB / 117.88 MB 88.33 MB	17%

MAC, IP and FDB Tables

Search » IPv4 Address | IPv6 Address | MAC Address | ARP Table | FDB Table

ARP Entries

All Devices MAC Address Address Search 50

MAC Address	IP Address	Device	Interface	Remote device	Remote interface
14:a7:2b:06:3c:b3	10.240.192.10	10.240.192.10	ge0/1	Localhost	Local port
ec:3e:f7:a5:99:52	10.240.193.1	epon-olt	Vlan49	trc-j104-bras-t3-sr	
38:94:e0:d8:fc:c9	10.240.193.21	epon-olt	Vlan49		
4c9e:1c:18:b0:26	10.240.193.12	epon-olt	Vlan49		
ec:3e:f7:a5:99:52	10.240.193.1	epon-olt	Vlan49	trc-j104-bras-t3-sr	
ec:3e:f7:a5:99:52	10.240.193.1	st.antony's 1	Vlan49	trc-j104-bras-t3-sr	
38:94:e0:a3:87:17	10.240.193.18	st.antony's 1	Vlan49	epon-olt	
ec:3e:f7:a5:99:52	10.240.193.1	epon-olt	Vlan49 Vlan49	trc-j104-bras-t3-sr	
38:94:e0:f2:e9:90	10.240.193.17	epon-olt	Vlan49 Vlan49	st.antony's 1	
ac:78:d1:3c:9c:54	10.240.196.1	polpully	Vlan49	pgt-bng-j204-pe-t3-sr	

FDB Entries

All Devices MAC Address Value Search 50

Device	MAC Address	IPv4 Address	Port	Vlan	Description	First seen	Last seen
epon-olt	06:38:6b:1c:05:1a			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:05:45			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:05:47			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:05:48			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:13:46			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:18:47			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:62:10			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:62:4a			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:71:97			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:71:98			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:71:9b			1		2020-10-24 00:39:12	3 hours ago
epon-olt	06:38:6b:1c:71:9f			1		2020-10-24 00:39:12	3 hours ago

IPv4 Addresses

All Devices All Interfaces IPv4 Address Search 50

Device	Interface	Address	Description
10.240.192.10	ge0/1	10.240.192.10/24	ge0/1
epon-olt	Vlan49	10.240.193.13/24	VLAN49
epon-olt	Vlan49	10.240.193.15/24	VLAN49
st.antony's 1	Vlan49	10.240.193.17/24	VLAN49
epon-olt	Vlan119 Vlan119	10.215.163.72/24	VLAN119 Vlan119
epon-olt	Vlan49 Vlan49	10.240.193.18/24	VLAN49 Vlan49
polpully	Vlan49	10.240.196.10/24	VLAN49
10.240.196.5	ge0/1	10.240.196.5/24	ge0/1
ponpl2	Vlan49	10.240.196.7/24	VLAN49
ponpl2	Vlan1	192.168.10.100/24	VLAN1
kodumbu_4p_olt	Vlan119	10.215.134.39/24	VLAN119
kodumbu_4p_olt	Vlan49	10.240.196.8/24	VLAN49

Threshold Alerts

RconVerge										
Overview Devices Ports Health Apps Routing Alerts OnlineUsers										
admin Global Search										
+ Create new alert rule - OR - + Create rule from collection										
50										
Type	Name	Devices	Transports	Extra	Rule	Severity	Status	Enabled	Action	
🟢	Device Down! Due to no ICMP response.	All Devices	none	Max: -1 Delay: 300 Interval: 300	<code>macros.device_down = 1 AND devices.status_reason = "icmp"</code>	Critical	!	ON	<input type="checkbox"/>	
🟢	Device rebooted	All Devices	none	Max: 1 Delay: 300 Interval: 300	<code>devices.uptime < 300 AND macros.device = 1</code>	Critical	!	ON	<input type="checkbox"/>	
🟢	Ping Latency	All Devices	none	Max: -1 Delay: 300 Interval: 300	<code>devices.last_ping_timetaken > 100</code>	Critical	!	ON	<input type="checkbox"/>	
🟢	Port status up/down	All Devices	none	Max: 1 Delay: 300 Interval: 300	<code>macros.port_down = 1</code>	Critical	!	ON	<input type="checkbox"/>	
🟢	Port utilisation over threshold	All Devices	none	Max: -1 Delay: 300 Interval: 300	<code>macros.port_usage_perc >= 80 AND macros.port_up = 1 AND ports.ifName NOT LIKE "%Vlan%" AND ports.ifName NOT LIKE "%Loop%" AND ports.ifName NOT LIKE "%onu%"</code>	Critical	!	ON	<input type="checkbox"/>	
🟢	Sensor over limit - Check Device Health Settings	All Devices	none	Max: -1 Delay: 300 Interval: 300	<code>sensors.sensor_current > sensors.sensor_limit AND sensors.sensor_alert = 1 AND macros.device_up = 1</code>	Critical	!	ON	<input type="checkbox"/>	
🟢	Sensor under limit - Check Device Health Settings	All Devices	none	Max: -1 Delay: 300 Interval: 300	<code>sensors.sensor_current < sensors.sensor_limit_low AND sensors.sensor_alert = 1 AND macros.device_up = 1</code>	Critical	!	ON	<input type="checkbox"/>	

**Active status of
CPE**

**Details of
CPE**

**WAN interface
configuration**

**Connected
devices from CPE**

**Customer
analytics**

**Wi-Fi interface
configuration**

**Remote speed
test**

**Remote ping
test**

Trace route

Devices

Advanced Search

Open/Close

Status
Online

Serial No

Username

PON Rx - Low

Reported Time - From

Registered Time - From

MAC Address

Manufacturer

Model Name

PON Rx - High

Reported Time - To

Registered Time - To

Clear

Search

Show 100 entries



Showing 1 to 28 of 28 entries













Previous

1

Next

ID	Model name	Mac Address	Username	PON Rx dbm	Status	Wan Type	Last Reported	Registered	Last Reset	Last Reboot	A
80071B-DG%2DGR6821AC-000000000002	DG-GR6821AC	80:07:1b:eb:12:c1	ka.dr.mohan	285		PPPoE	2023-09-29 12:03:59	2023-09-23 14:16:41	2023-09-23 17:53:57	2023-09-28 21:30:49	
70B64F-DG%2DGR1321-F324270B64F1436C8	DG-GR1321	70:b6:4f:14:36:cd	ka.suvasish.23	-30		PPPoE	2023-09-29 12:03:54	2023-09-23 18:14:31	2023-09-23 18:14:31	2023-09-29 10:31:37	
230306-XPON%20ONU-FT23F1A00136	XPON ONU	B4:28:75:03:9D:52		60		Static	2023-09-29 12:03:52	2023-03-31 11:23:46	2023-03-31 11:23:46	2023-09-26 22:38:50	
70B64F-DG%2DGR1321-F324270B64F14667A	DG-GR1321	70:b6:4f:14:66:7f	ka.chethan.20	-19		PPPoE	2023-09-29 12:03:50	2023-09-25 11:27:08	2023-09-25 11:27:08	2023-09-25 18:49:54	

Active Devices Status

ID	Model name	Mac Address	Username	PON Rx dbm	Status	Wan Type	Last Reported	Registered	Last Reset	Last Reboot	Actions
70B64F-DG%2DGR1321-F324270B64F146690	DG-GR1321	70:b6:4f:14:66:95	ka.ramesh.23	-26	●	PPPoE	2023-09-25 12:03:16	2023-09-23 18:09:46	2023-09-23 18:09:46	2023-09-25 10:51:18	  
70B64F-DG%2DGR1321-F324270B64F1436A7	DG-GR1321	70:b6:4f:14:36:ac	ka.ka.rashmi.23	-25	●	PPPoE	2023-09-25 12:03:06	2023-09-23 18:33:27	2023-09-23 18:33:27	2023-09-23 18:33:27	  
906717-ASEE%2D1444-000000000002	Subscriber End Equipment	90:67:17:48:4d:b7	ka.rakesh.kr	Unspecified	●	PPPoE	2023-09-25 12:03:01	2023-06-28 15:08:46	2023-09-23 13:13:59	2023-09-23 18:34:31	  
70B64F-DG%2DGR1321-F324270B64F14FA8C	DG-GR1321	70:b6:4f:14:fa:91	ka.ramya.d	-28	●	PPPoE	2023-09-25 12:03:00	2023-09-23 16:31:59	2023-09-23 16:31:59	2023-09-25 07:21:17	  

Home > TR-069(ACS) > Devices

Detailed View - 70B64F-DG-GR1321-F324270B64F14FA8C

Realtek - DG-GR1321

Actions

Overview

Device System Description

Software 3.0.00-210714

Hardware V3.7L

Serial Number F324270B64F14FA8C

Status

Memory Status NA

CPU Status

0%

Data Consumption

Tx: 0.18 Gb

Rx: 1.24 Gb

PON(Rx,Tx)

dbm -29

2

CPE Tag

N.A

Pending Commands

ID	Name	Object	Time	Actions
No data available in table				

Faults

Channel	code	Message	Timestamp	Retries
No data available in table				

Location

Analytics

Downloads

Firewall

Interfaces

IPTV

LAN

LAN IPv6

Object Tree





Stations







VOIP


WAN


WiFi

Customer WAN Interface Configuration

 TR-069(ACS) 

Enable		Connection Trigger	AlwaysOn
PPPoE Username	ka.ramya.d 	DNS Servers	203.153.41.28,203.153.44.44 
Mac Address	70:b6:4f:14:fa:93	External IP Address	100.83.112.7
Connection Status	Connected	Default Gateway	100.83.0.1
Max MTU Size	1492 	IPv6 Address	N.A
LAN Binding	LAN1,LAN2,SSID1	IPv6 Address Mask	N.A
Transport Type	PPPoE	IPv6 Gateway	N.A
NAT Enabled	True	IPv6 Mode	None
PPP Authentication Protocol	PAPandCHAP	IPv6 Prefix	N.A
Remote IP Address	100.83.0.1	Prefix Mode	PrefixDelegation
DNS Enable		IPv6 Connection status	N.A
Connection Type	IP_Routed	IPv6 Multicast VLAN ID	-1
Data Received	1.7 MB	IPv6 DNS Servers	N.A 
Data Transmitted	3.2 MB	IPv6 Domain Name	N.A
Errors Received	N.A	DS Lite Mode	N.A
Errors Sent	N.A	AFTR Name	N.A
VLAN ID	N.A	Bearer/Service Type	N.A

GPON Link 









Enable		Upstream	NA
802-1pMark	4294967295	Downstream	N.A
Mode	INTERNET	Bandwidth	NA
VLAN-ID Mark	0	VLAN-ID MAX	N.A
Optical Signal(Rx)	-29	Optical Signal(Tx)	2

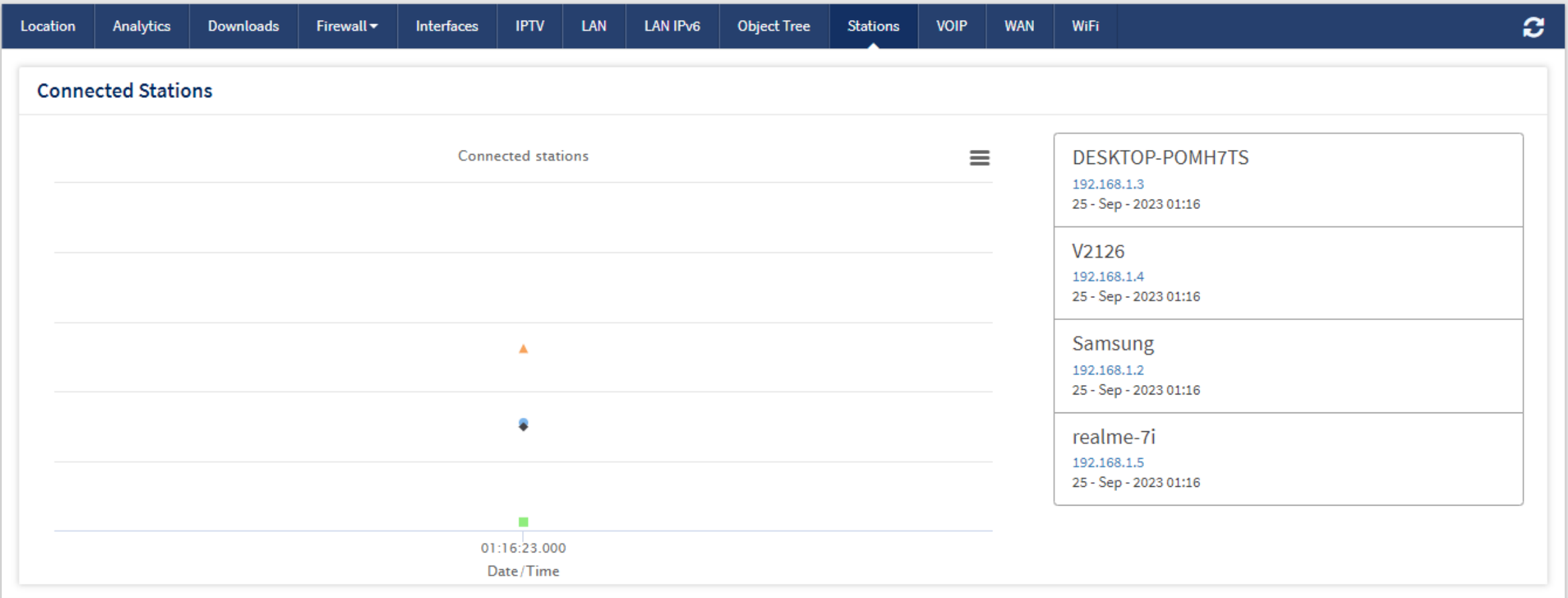
Wi-Fi Interface and Configuration



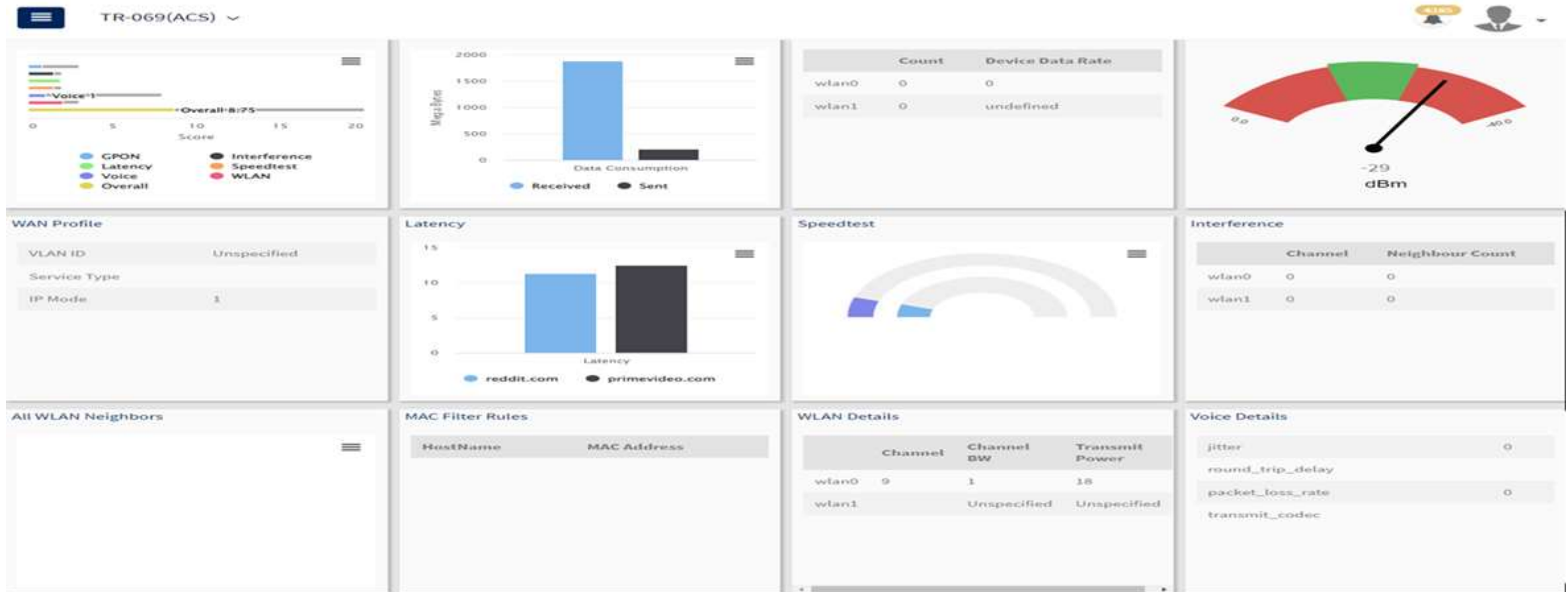
TR-069(ACS) ▾



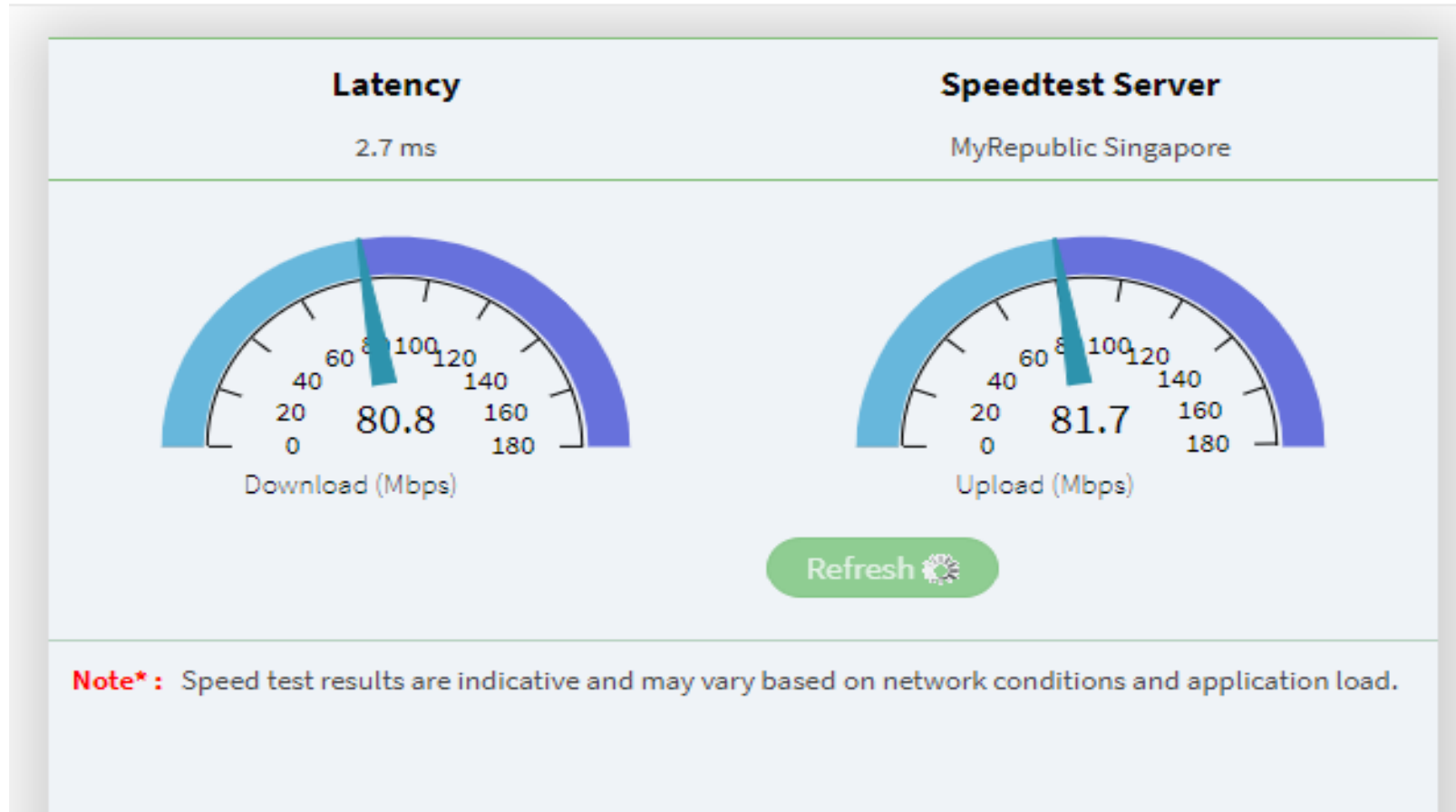
SSID	RAMYA 	WPS Enable	True
BSSID	70:b6:4f:14:fa:8c	Band	Unknown
Beacon Type	WPAand11i	Bandwidth	1 
Channel	10 	LAN Access Enable	Unknown
Auto Channel Enable	N.A	Radius Server IP	Unknown
SSID Advertisement Enabled	True	Radius Server Port	Unknown
Status	Up	Configuration State	Configured
WPA Authentication Mode	PSKAuthentication	Device Name	Modem_Router
WPA Encryption Modes	TKIPEncryption 	Registrar Established	True
TransmitPower Percentage	None 	Registrar Number Of Entries	1
TransmitPower	18	State	Unknown
WMM Enable	True	Broadcast Status	True 
Regulatory Domain	None 	Radio status	True 



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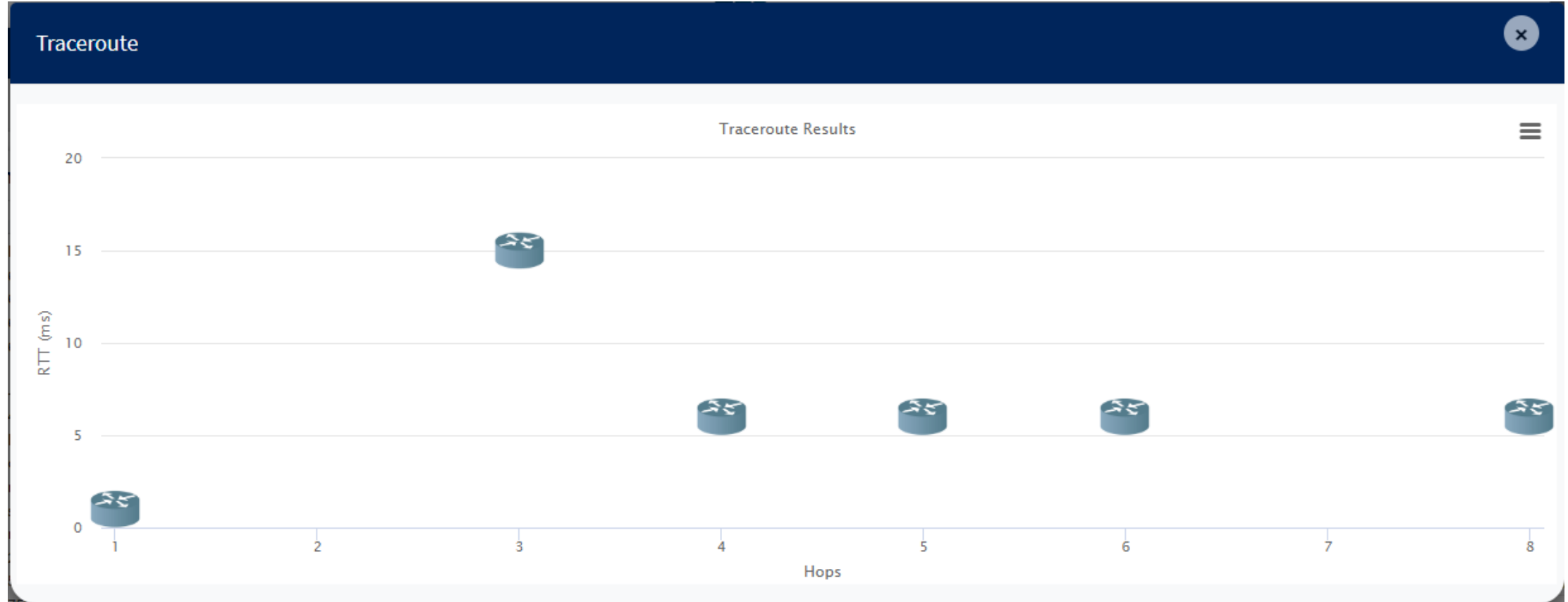


Speed Test



Ping Result

```
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.  
64 bytes from 8.8.8.8: icmp_seq=1 ttl=115 time=9.04 ms  
64 bytes from 8.8.8.8: icmp_seq=2 ttl=115 time=9.37 ms  
64 bytes from 8.8.8.8: icmp_seq=3 ttl=115 time=14.09 ms  
64 bytes from 8.8.8.8: icmp_seq=4 ttl=115 time=11.19 ms  
  
--- 8.8.8.8 ping statistics ---  
4 packets transmitted, 4 received, 0% packet loss,  
Ping RTT Description = 0  
count 4.0  
mean 10.9  
std 2.3  
min 9.0  
25% 9.3  
50% 10.3  
75% 11.9  
max 14.1 ms
```





SRIT IPDP

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Solution Brief

SRIT