TAM

Telecom Assets Management

TAM Business Benefits

We can assure for you that TAM is offering business benefits that can not be obtained from the ERP or from the NMS or from the engineers designing tools.

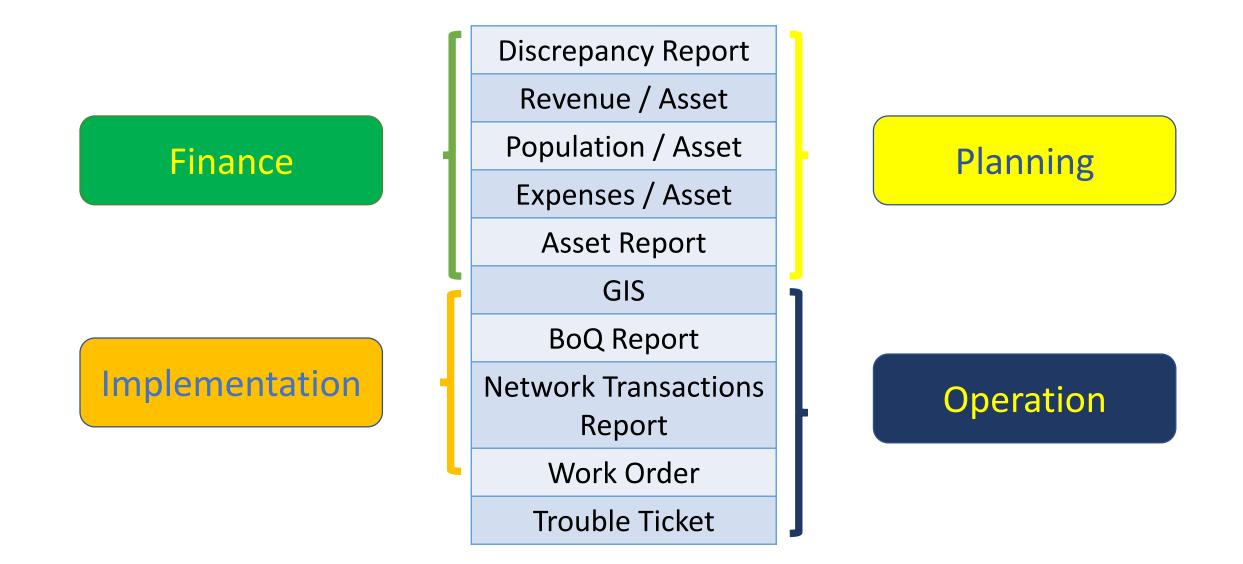
TAM Business Benefits

Asset Tracking

- 1 Asset Security.
- **2** Asset Re-alignment.
- **3** Quality of Service.
- 4 Managing Contracts.
- **5** Better Team Utilization.



Relation between departments and modules & reports



TAM Technology

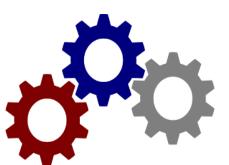
TAM has been build by latest technologies so it is supported the following:

- 1 Web Based.
- **2** Google Map (GIS).
- 3 Dynamic hierarchy tree based on different major angels (site, supplier, vendor, node type, node, cell, domain, PO, ... etc).
- 4 Advanced filtered tables.
- **5** Variety of Charts.
- 6 Moderns API for Integration.
- **7** Flexibility in customization upon business need.

TAM Modules



Fiber Module



Auto Discovery Module



Report and Dashboard



Purchasing



Asset Lifecycle



Telecom network planning, finance and inventory



Task



Sales

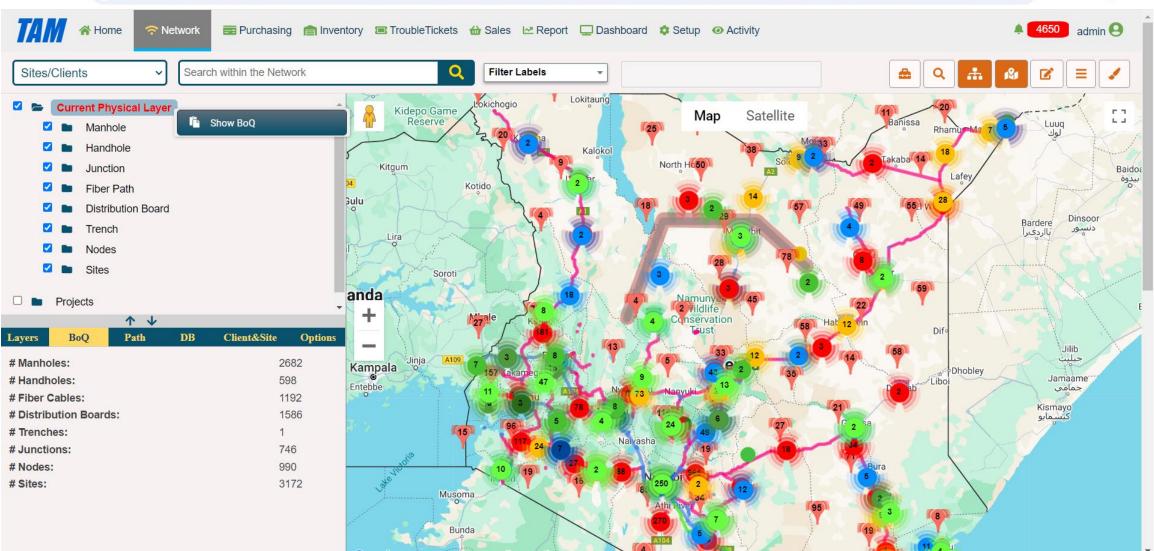
TAM

Fiber Module



Displaying whole network elements by one click as GIS and tree view in addition to show BoQ for each fiber network element

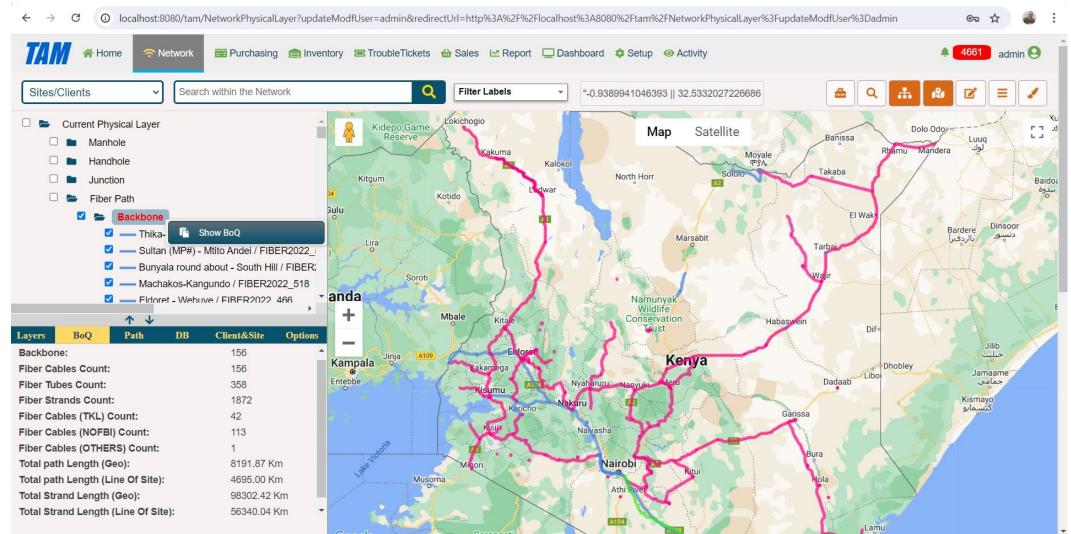
🔶 🔿 🖸 🗿 localhost:8080/tam/NetworkPhysicalLayer?updateModfUser=admin&redirectUrl=http%3A%2F%2Flocalhost%3A8080%2Ftam%2FNetworkPhysicalLayer%3FupdateModfUser%3Dadmin 🛛 🛠 🐬 🛃

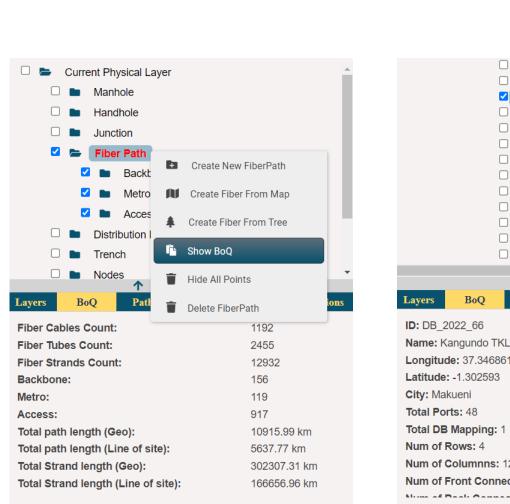




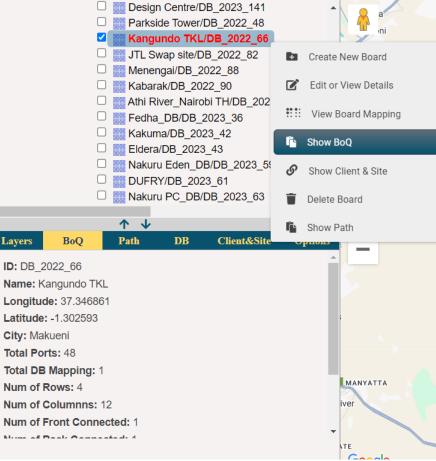
Show BoQ (statistical contents) for any element in the fiber tree.

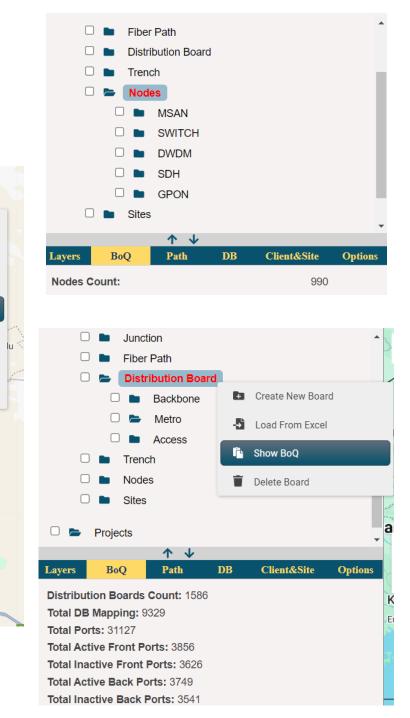
Below is showing the BoQ for backbone fiber layer





Examples of Show BoQ on different elements



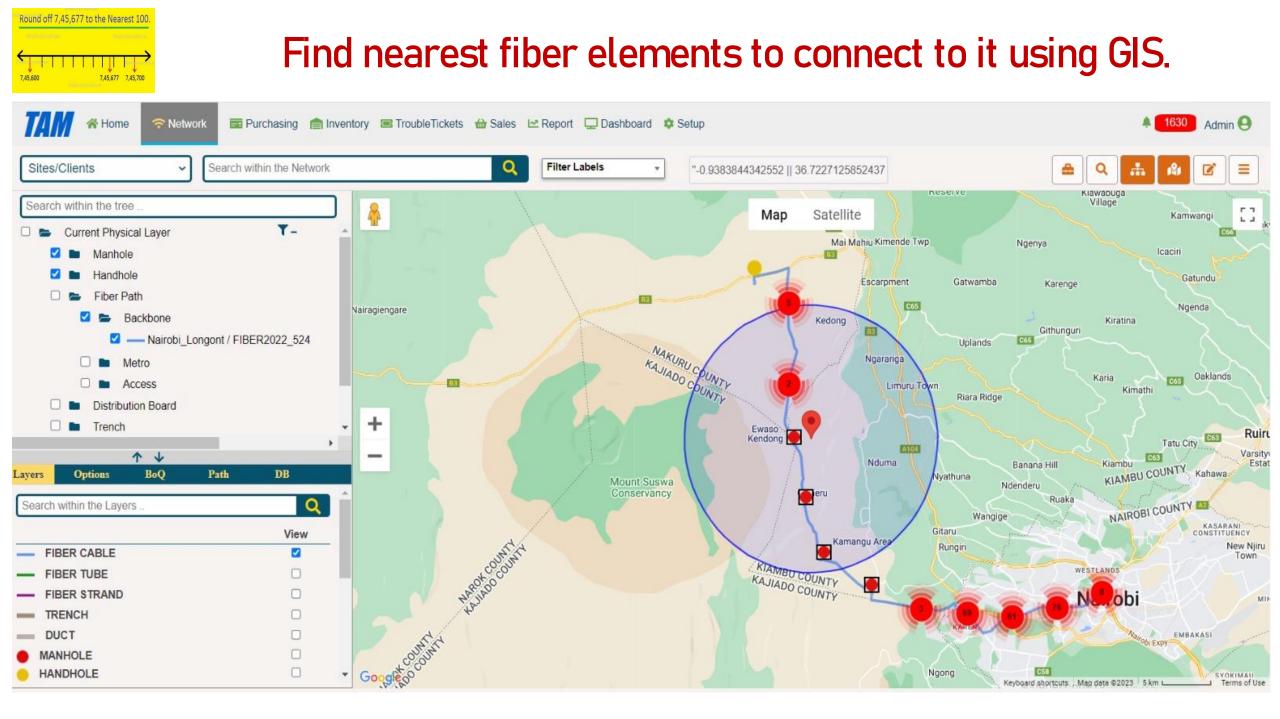




Selecting cables based on owner and determining the color of the cable owner

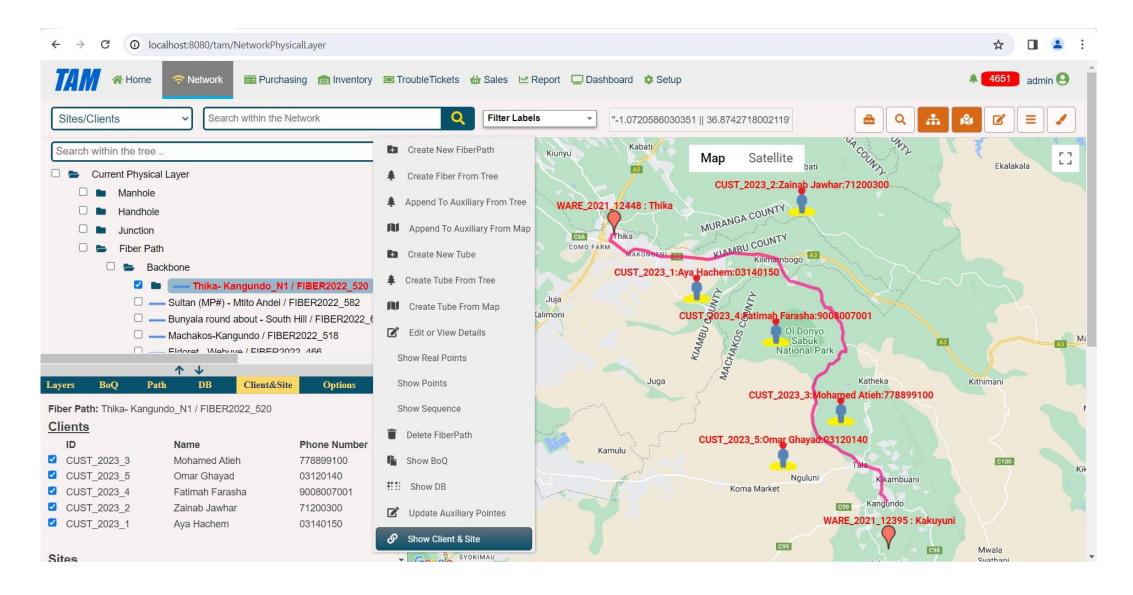
🗧 🔶 C 🕕 localhost:8080/tam/NetworkPhysicalLayer?updateModfUser=admin&redirectUrl=http%3A%2F%2Flocalhost%3A8080%2Ftam%2FNetworkPhysicalLayer%3FupdateModfUser%3Dadmin&redirectUrl... 👁 🛧

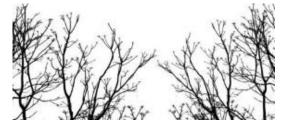
TIM & Home Retwork EPurchasing	inventory 📧 Trouble Tickets 쉾 Sales 🗠	Report 🖵 Dashboard 🏟 Setup 💿 Activity	4650 admin	•
Sites/Clients	Cable Color			
Current Physical Layer	Cable Owner	Color	Kebri Dehar Goldogob	3
 Handhole Junction 	TKL	blue ~	جالكاكيو حميل Gode Caabudwaaq جالكاكيو Dhuusamareeb Hobyo هييا دوسمريب	
 Fiber Path Distribution Board 		pink v	جوری عیل – – – – – – – – – – – Harardhere Beledweyne بلد وین	
 Trench Nodes 	OTHERS	green ~	Baidoa Jalalaqsi سدوه	
 Bites Projects 	OGN	orange v	Somalia Balcad	
Layers BoQ Path DB Client&Site O			Mogadishu مقدیشو Bařaawe براوی	
Search within the Layers	Butembo	Kisumu Kisumu Entebbe Kisii Nakuru Nakuru Nakuru Nakuru Nakuru Nakuru Nakuru	Garissa	
FIBER CABLE		Jate Mairchi		
FIBER TUBE Image: Constraint of the second	Rwanda }	Mwanza		
DUCT C	Mwenga Burundi	Arusha	Malindi Mombasa	
MANHOLE HANDHOLE	-	Tabora	Inga	





Find loaded (connected) clients and sites for any fiber cable using GIS





Find related path

NGINYI PRI SCH

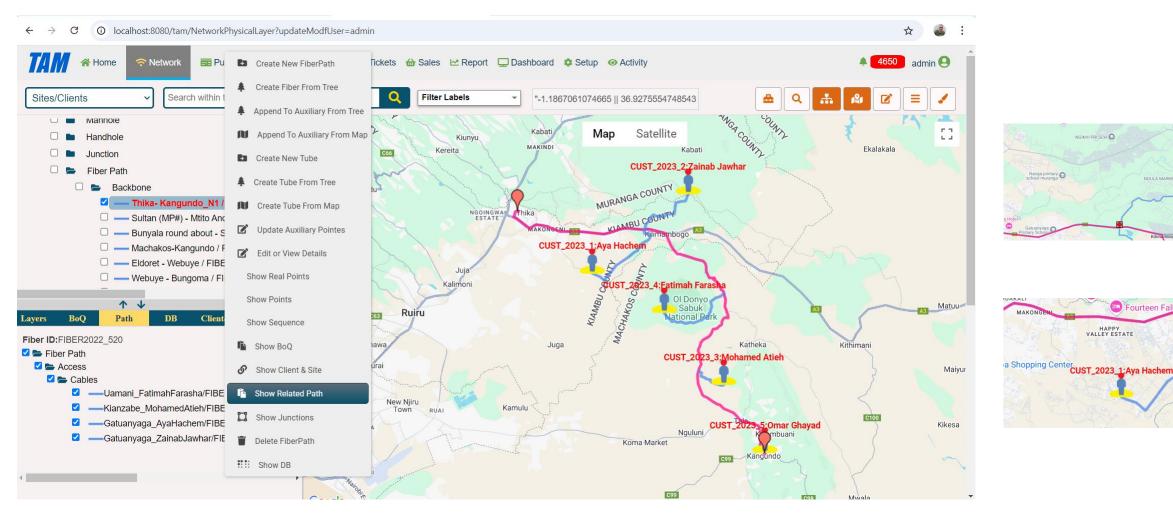
CUST_2023_2;Zainab Jay

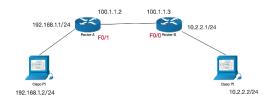
Fourteen Falls Hotel

HAPPY VALLEY ESTATE

KCON Thika, Ndula

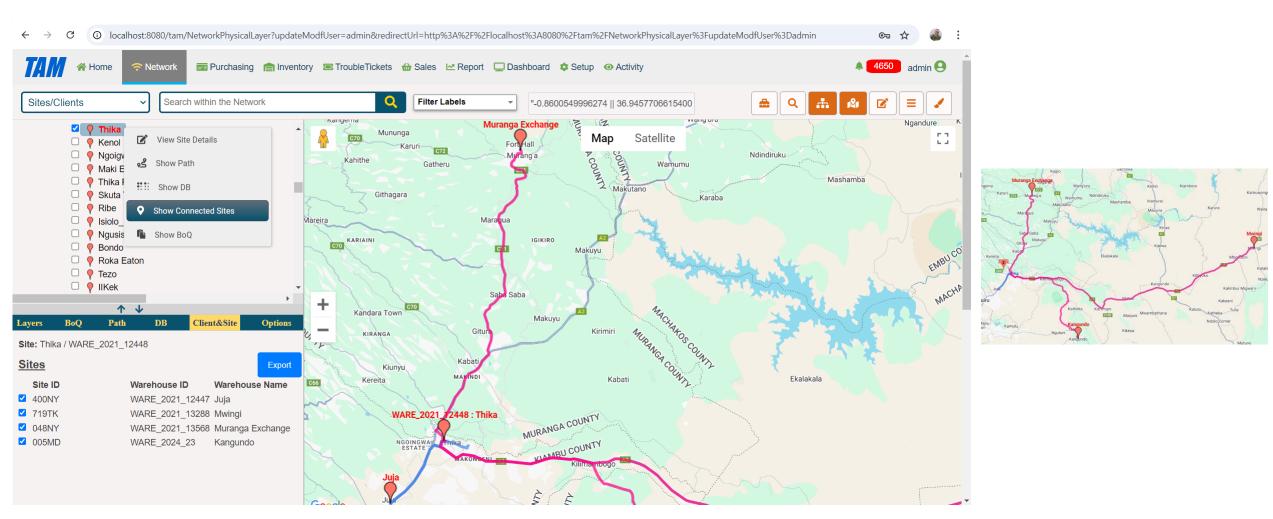
Related paths are the paths that are branched from or connected with other cables.





Show Connected Sites

Showing the sites that have direct link connection with the inquired site.



Cable Strand Utilization – Results in Advanced Filtering Grid

1) Total Number of Strands.

4) Which Strands are used?

2) Total Used Strands.

5) Which Strands are available?

3) Total Not Used Strands.

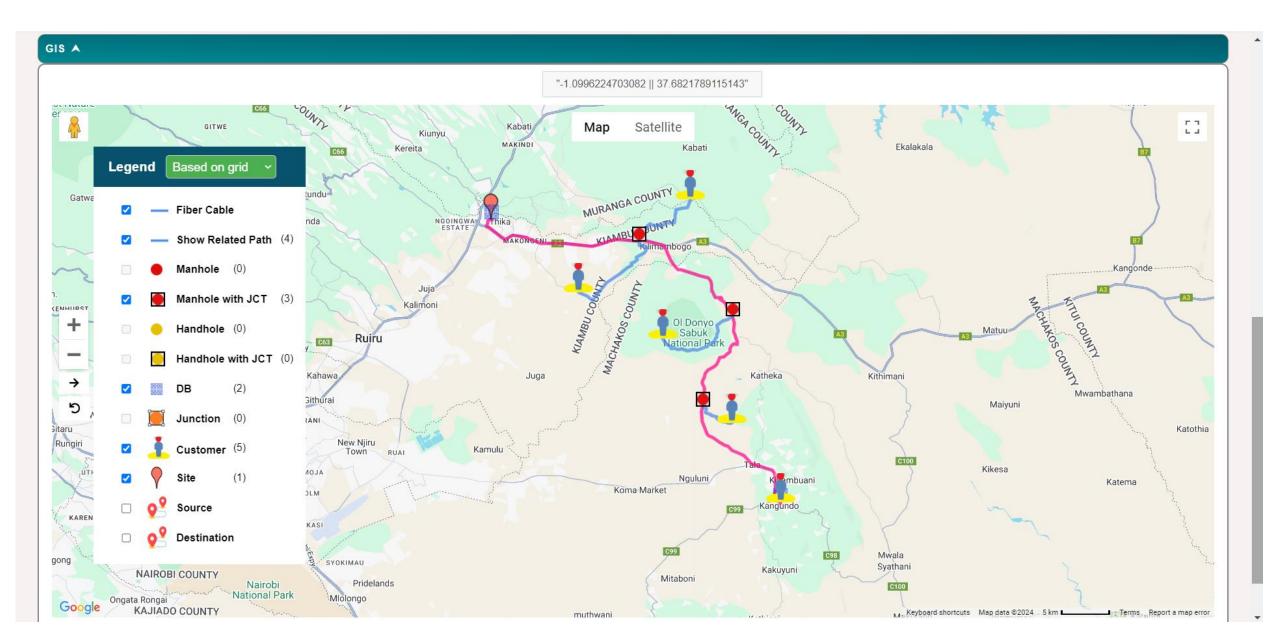
6) DB & Junctions that are connected to this cable strands.

7) Customers & Sites that are connected to this cable strands.

Jtilization Report	Fiber Cable FIBER2022_	520:Thika- Kangundo_N			Show on Map	Menu - Genera
able 🔺						Search
Strand #	Tube #	Location Type	Location ID	Location Name	Location Longitude	Location Latitude
Search	Search	Search	Search	Search	Search	Search
1	1	Site	401NY	Thika	37.075684	-1.0369468
1	1	Site	401NY	Thika	37.075684	-1.0369468
1	1	Customer	CUST_2023_4	Fatimah Farasha	37.23585	-1.148948
1	1	Customer	CUST_2023_4	Fatimah Farasha	37.23585	-1.148948
2	1	Customer	CUST_2023_3	Mohamed Atieh	37.30109	-1.22789
2	1	Customer	CUST_2023_3	Mohamed Atieh	37.30109	-1.22789
2	1	Customer	CUST_2023_2	Zainab Jawhar	37.261951	-1.018509



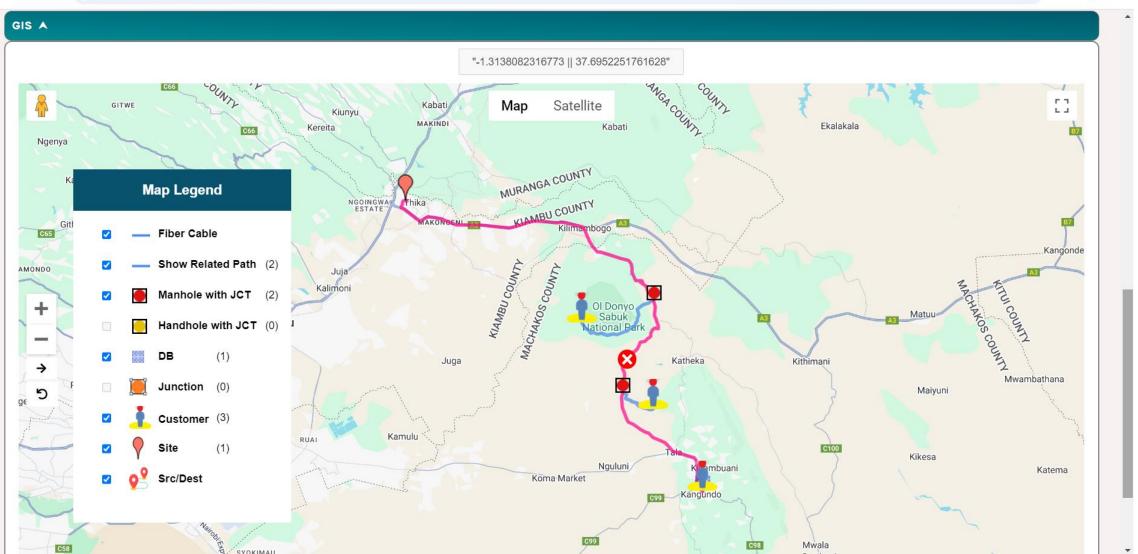
Cable Strand Utilization – Results in GIS





Find effected clients and sites based on certain break location for the fiber cable – Results in GIS

← → C ③ localhost:8080/tam/CableBreakReport

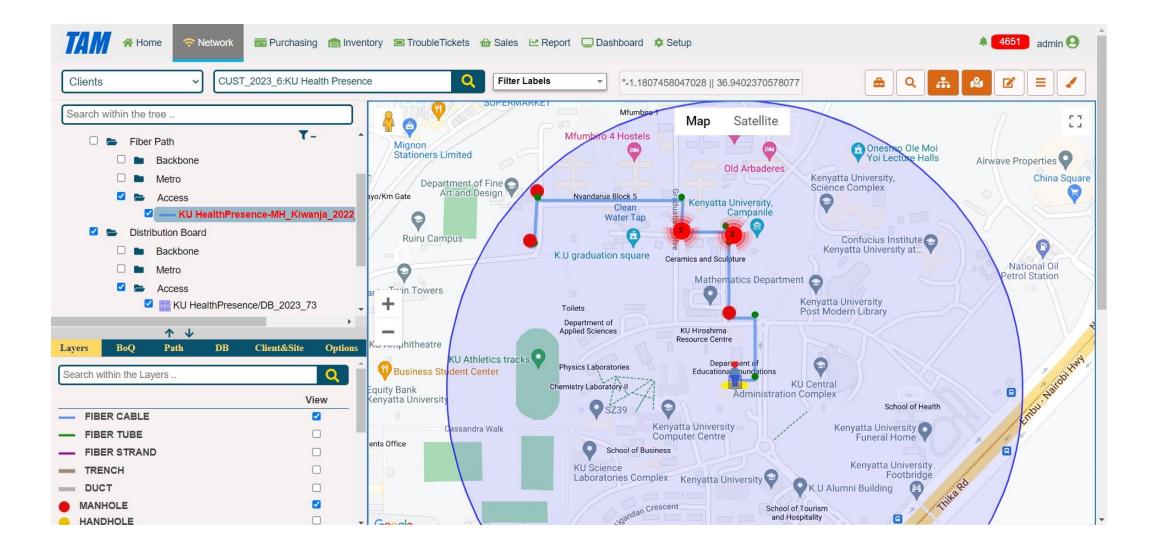




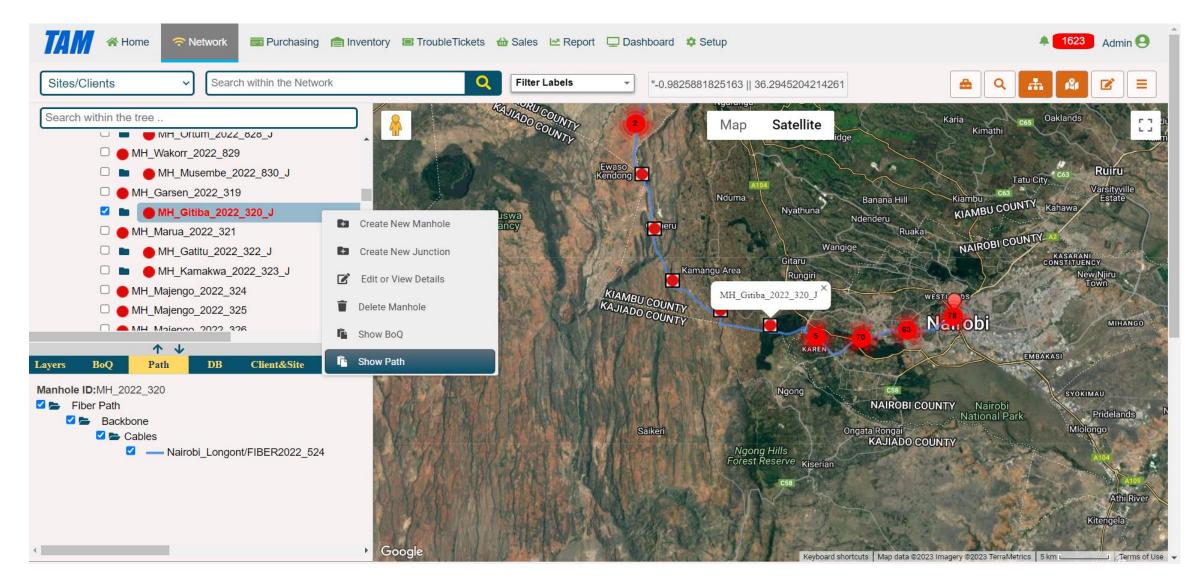
Find effected clients and sites based on certain break location for fiber cable – Results in Advanced Filtering Grid

	g 💼 Inventory 📧 Trouble Tickets l Sales	Report Dashboard Setup				4650 a
eak Report	Cable ID FIBER2022_520	Cable Nar	ne Thika- Kangundo_N1	Show on Ma		∕lenu ▼ Generate
int Longitude 37.2777447074128	Break Po	int Latitude -1.1905161721283	Set Coordin	nate		
ble 🔺						
v 10 V Rows					Search	
Location ID	Location Name	Location Type	Warehouse ID	Location Longitude	Location Latitude	
Search	Search	Search	Search	Search	Search	
401NY	Thika	Site	WARE_2021_12448	37.075684	-1.0369468	Show Location
CUST_2023_3	Mohamed Atieh	Customer	null	37.30109	-1.22789	Show Location
CUST_2023_4	Fatimah Farasha	Customer	null	37.23585	-1.148948	Show Location
CUST_2023_5	Omar Ghayad	Customer	null	37.3468674115297	-1.3025819714102	Show Location

Finding where is the customer or the site is connected

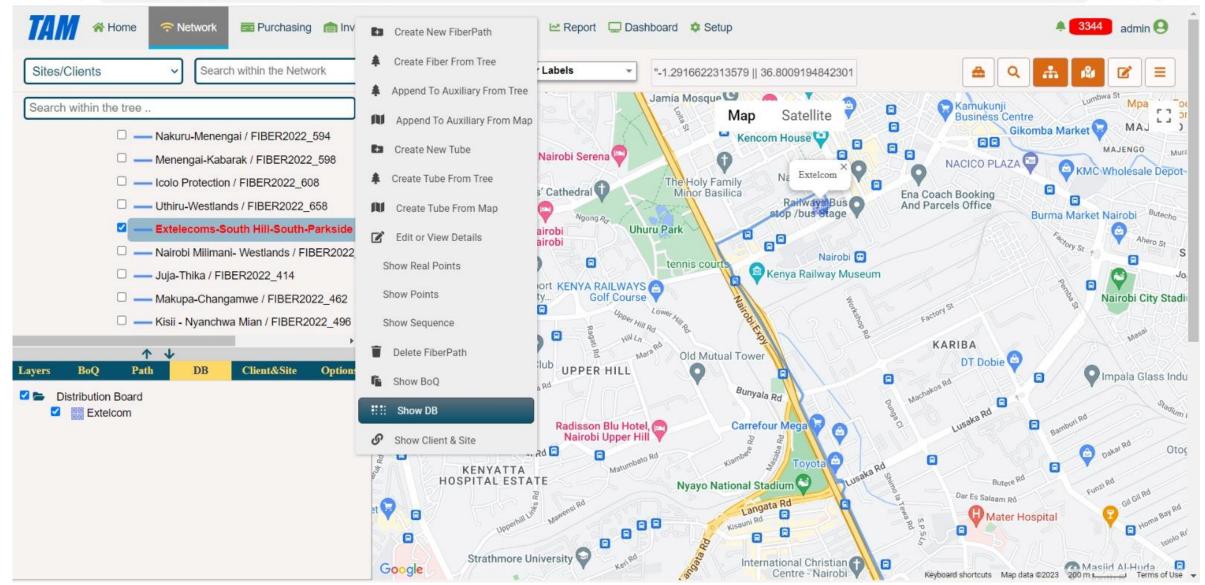


Show Path: that are passing through Manhole, Handhole or connected to DB or Site.



Find Distribution Boards that are connected to cable

← → C 🔺 Not secure | 10.22.28.38:8080/alm/NetworkPhysicalLayer



Ability to discover the network elements in consequences way starting from single point using the following features:

Show Path Show Real Points Show Related Path Show Client & Site Show Connected Site Show DB Quoting best price for the customer & redistribute the load to have better utilization using below features:

Find Nearest Point Strand Utilization Report Node Port Mapping Show BoQ for DB and Node Better design and re-align the network using the below features:

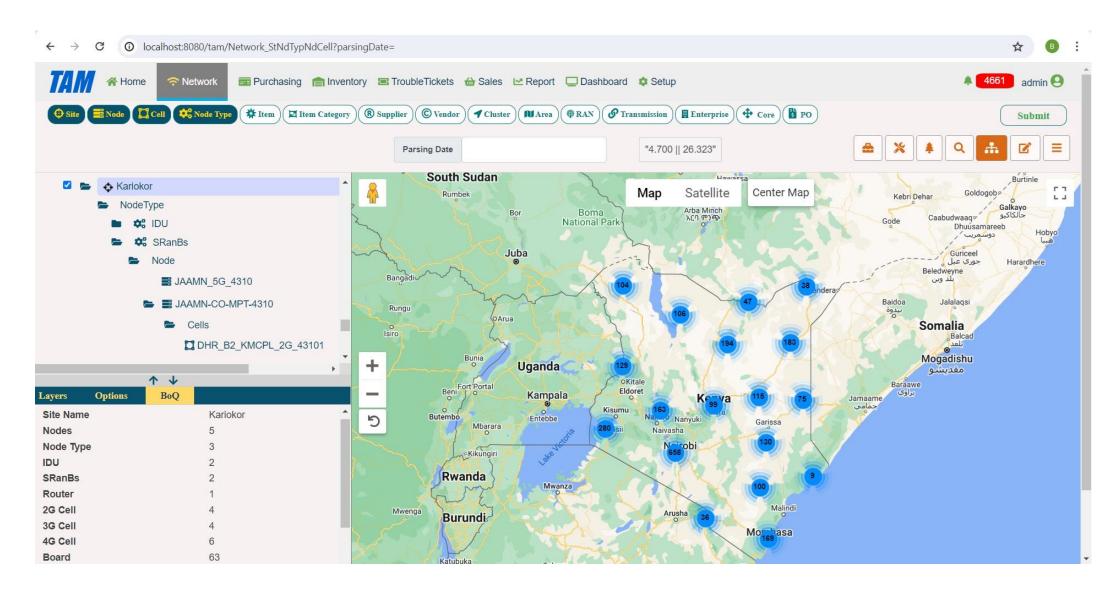
Revenue to Asset Ratio Report Population to Asset Ratio Report Expenses to Asset Ratio Report Strand Utilization Report Fixed Asset Register

Customer satisfaction using the following features:

Find Connected Cable Break Report Strand Utilization Report TAM

Auto Discovery & Network Management

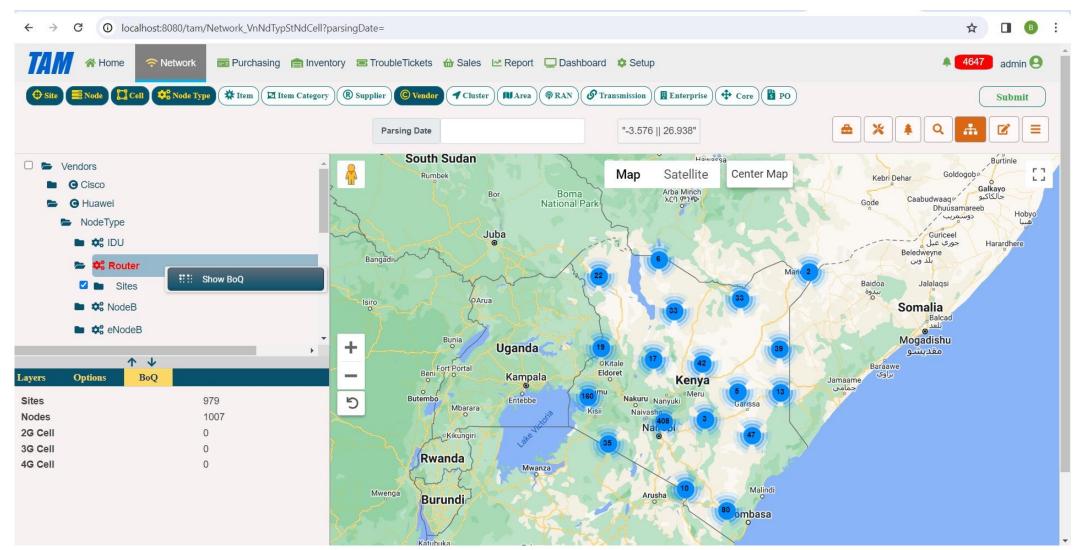
GIS (geographic interface system) and Web based with dynamic tree \rightarrow Vision from different angles \rightarrow Better Vision





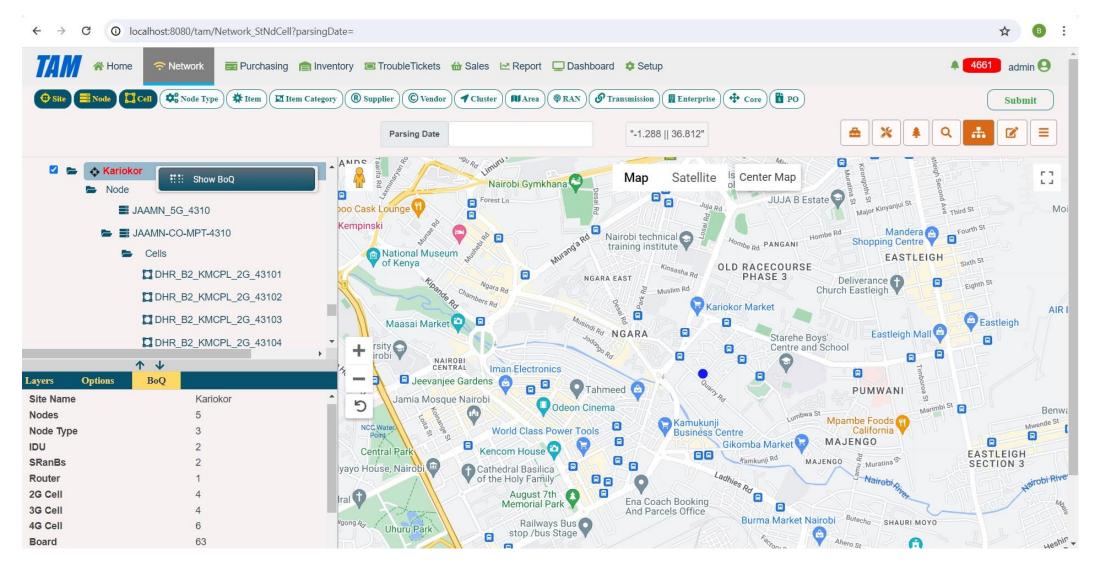
Showing BoQ of the whole network, region, area, site, etc. at different levels (Vendor, Supplier, PO, Category, Technologies, etc.).

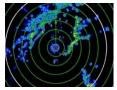
Example: Vendor \rightarrow Node Type \rightarrow Site \rightarrow Node \rightarrow Cell





Example: Site \rightarrow Node \rightarrow Cell





Auto Discovery for network elements and its transactions

← → C	localhost:8080/tam/DiscoveryNewF	ormView?dnID=DND_202	23_1&NavAction=2			☆ 🔋 :
TAM 🔹	Home 🤝 Network 🛛 💼 Purchasing	📄 Inventory 🔳 Tr	oubleTickets 🔂 Sales 🗠 Report	🖵 Dashboard 🔹 Setup		4661 admin 9
DN ID	DND_2023_1	Status	Approved ~	Other DN		Saved
Created Date	12/02/2023 11:18 PM	Last Modify Date	06/03/2024 02:01 AM	1/11 «	· · · · · · · · · · · · · · · · · · ·	Z = Q
INFORMATION					Actions ▼ Send Email	+ Add The Delete Save
Select	tem		Item Model	Item Part Number	Transaction Type	Element Name
• •	NW-RAN-SRN-BRD-17:Board		WD5MJFUGG8E	02310QMT	New Hardware on Existed Node	✓ Board
0 📮	NW-RAN-END-BRD-2:Board		WD5MIFUBCK0	02310AGW	Select Option New Node New Node on New Hardware	Board
□Ţ	NW-RAN-END-BRD-2:Board		WD5MIFUBCK0	02310AGW	New Node on Existed Hardware New Hardware on New Node New Hardware on Existed Node	Board
□	NW-RAN-END-BRD-2:Board		WD5MIFUBCK0	02310AGW	Existed Hardware on New Node Transfer Transfer from Slot to Slot	Board
□ 束	NW-RAN-SRN-BRD-6:Board		WD22UMPTB2	3054886	Transfer from Node to Node Transfer from Site to Site Disappear	Board
□ ঢ়	NW-RAN-SRN-BRD-17:Board		WD5MJFUGG8E	02310QMT	Disappear for Maintenance Disappear for Transfer Maintenance	Board
Add Row Dele	te Row				Replacement Retirement	•
Total Amount	67000.0	Total QTY	13.0			



Reconciliation between purchase & work orders and discovered network elements transactions.

А Но	ome 🗢 Network 💼 Purcha	asing 📄 Inventory 📼 Trop	ubleTickets Sales 🗠 Report 🖵 Dashboard	leTickets 🏠 Sales 🔛 Report 📮 Dashboard 🌼 Setup					
DN ID	DND_2023_1	Status	Approved ~ Other DN	Approved ~ Other DN					
Created Date	12/02/2023 11:18 PM	Last Modify Date	06/03/2024 02:01 AM 1/11	« ()	»	ľ			
INFORMATION					Actions - Send Email	+ Add 📋 Delete	B Save		
Approval Statu	s	Approval Action	PO	wo	Approve Project Manager Approval	From Site			
Com	pletely Approved	Completely Approved	PO_2023_115:SUPP_2023_99:Huawei Teo	Asset Unit Approval					
Completely Approved Completely Approved			PO_2023_115:SUPP_2023_99:Huawei Teo	ch.	Finance Approval Close				
Com	pletely Approved	Completely Approved	PO_2023_115:SUPP_2023_99:Huawei Teo	ch.					
Com	pletely Approved	Completely Approved	PO_2023_115:SUPP_2023_99:Huawei Teo	wo_2024_2:1	nstallation				
To be Approve	ed By Operation Manager	Select Option V	PO_2023_115:SUPP_2023_99:Huawei Teo	wo_2024_4:1	Fransfer	WARE_2021_1356	2:Kaisug		
Com	pletely Approved	Completely Approved	PO_2023_115:SUPP_2023_99:Huawei Teo	ch.					
dd Row Delete	Row						*		



Capturing any network changes and saving it as historical data, and retrieving it on GIS and grid with charts.

ork Transactions Report	Start Date 01/01	1/2024 12:00 AM	End Date	01/25/2024 5:43 PM			I	Export Generate R
ible 🔺								
w 10 V Rows							Search	
Element ID	Element 📕	ALM Trans Type 📕	Discovered Trans Type 📰	Date 🗮	From Site	To Site	From Node 🛛 🔝	To Node
Search	Search	Search	Search	Search	Search	Search	Search	Search
4_Node_HW_RAN_BRD_3281	NODE_BOARD	0	NEW BOARD	23-01-2024 10:01:56	0	036NB	0	1032_HW
4_Node_HW_RAN_BRD_3282	NODE_BOARD	0	NEW BOARD	23-01-2024 10:01:56	0	036NB	0	1032_HW
4_Node_HW_RAN_BRD_3283	NODE_BOARD	0	NEW BOARD	23-01-2024 10:01:56	0	036NB	0	1032_HW
4_Node_HW_RAN_BRD_3284	NODE_BOARD	0	NEW BOARD	23-01-2024 10:01:56	0	036NB	0	1032_HW
24_Node_HW_RAN_CAB_76	NODE_CABINET	0	NEW CABINET	23-01-2024 10:01:56	0	035NB	342_HW	0
2024_BOARD_193615	NODE_BOARD	0	Reappear SN After Site Transfer	11-01-2024 02:01:02	456	123	HW_6564	HW_6564
2024_BOARD_193595	NODE_BOARD	0	Reappear SN After Site Transfer	11-01-2024 02:01:02	456	123	HW_6564	HW_6564
2024_ANTENNA_62653	NODE_ANTENNA	0	DISAPPEARED ANTENNA	09-01-2024 04:01:23	0	0	HW_7765	0
2024_BOARD_193557	NODE_BOARD	0	DISAPPEARED BOARD	09-01-2024 04:01:23	0	0	HW_7765	0
2024_ANTENNA_62642	NODE_ANTENNA	0	DISAPPEARED ANTENNA	09-01-2024 04:01:23	0	0	HW_7765	0
								•
ving 1-10 of 10							Prev 1	I 1 Next
								T NCA
ransactions Summ	ary							
Total Transactions 10		Last Soon Data	1/23/2024 11:01:56					

Detailed BoQ for the site that shows the items (code, name, model and part number) and its quantity with its initial cost, depreciation and net cost

Warehouse WARE_2021_13115 Status Activated Other WareHouse Created Date 06/27/2021 01:12 PM Last Modify Date 12/27/2023 02:08 AM 1/2753 < > >	¥ 🔲 📵	\$				15&NavAction=2	mView?wareID=WARE_2021_1311)/tam/WarehouseForn	O localhost:8080/tam	÷ → C
Created Date 06/27/2021 01:12 PM Last Modify Date 12/27/2023 02:08 AM 1/2753	46 admin	464		Setup	t 🖵 Dashboard 🌼 S	ickets 🔂 Sales 🗠 Repor	nventory	k 💼 Purchasing	Home 奈 Network 📑	
INFORMATION PASSIVE Boq NODE CELL FINANCE SIM CARDS IMAGES Actions Actions Send Email To Dele NV-RAN-SRN-LCN-11 Idenses Idense Idense <t< th=""><th>Saved</th><th></th><th></th><th>e</th><th>Other WareHouse</th><th>vated ~</th><th>Status Activ</th><th>13115</th><th>WARE_2021_131</th><th>Warehouse</th></t<>	Saved			e	Other WareHouse	vated ~	Status Activ	13115	WARE_2021_131	Warehouse
Item Name Item Model Item Part Number Quantity NW-RAN-SRN-LCN-11 Licenses LQW9RF5MMC01 null 1 NW-RAN-SRN-LCN-33 Licenses LT1S010MHZ00 null 1 NW-RAN-SRN-LCN-39 Licenses LT1S0ACTUS00 null 1 NW-RAN-SRN-LCN-39 Licenses LT1S0ACTUS00 null 1 NW-RAN-NRW-OUD-1 Cabinet iPasolink400 null 1 NW-RAN-NRD-AAU-1 Active Antenna WD7MQTRA3004 02312CHK 3		ľ		« () »	1/2753	7/2023 02:08 AM	Last Modify Date 12/27	1:12 PM	06/27/2021 01:12	Created Date
tem Codetem Nametem Modeltem Part NumberQuantityNW-RAN-SRN-LCN-11LicensesLQW9RF5MMC01null1NW-RAN-SRN-LCN-33LicensesLT1S010MHZ00null1NW-RAN-SRN-LCN-39LicensesLT1S0ACTUS00null1NW-TRM-MRW-OUD-1CabinetiPasolink400null1NW-RAN-NRD-AAU-1Active AntennaWD7MQTRA300402312CHK3	te 🖬 Sav	Send Email 🧵 Delete	Actions 👻 🖂			I CARDS IMAGES	CELL FINANCE SIM	BoQ NODE	PASSIVE Bo	INFORMATION
NW-RAN-SRN-LCN-11LicensesLQW9RF5MMC01null1NW-RAN-SRN-LCN-33LicensesLT1S010MHZ00null1NW-RAN-SRN-LCN-39LicensesLT1S0ACTUS00null1NW-TRM-MRW-OUD-1CabinetiPasolink400null1NW-RAN-NRD-AAU-1Active AntennaWD7MQTRA300402312CHK3										ventory
NW-RAN-SRN-LCN-33LicensesLT1S010MHZ00null1NW-RAN-SRN-LCN-39LicensesLT1S0ACTUS00null1NW-TRM-MRW-OUD-1CabinetiPasolink400null1NW-RAN-NRD-AAU-1Active AntennaWD7MQTRA300402312CHK3										
NW-RAN-SRN-LCN-39 Licenses LT1S0ACTUS00 null 1 NW-TRM-MRW-OUD-1 Cabinet iPasolink400 null 1 NW-RAN-NRD-AAU-1 Active Antenna WD7MQTRA3004 02312CHK 3		1		null)1	LQW9RF5MMC	ses	Licens	N-LCN-11	NW-RAN-SR
NW-TRM-MRW-OUD-1 Cabinet iPasolink400 null 1 NW-RAN-NRD-AAU-1 Active Antenna WD7MQTRA3004 02312CHK 3		1		null		LT1S010MHZ00	ses	Licens	N-LCN-33	NW-RAN-SR
NW-RAN-NRD-AAU-1 Active Antenna WD7MQTRA3004 02312CHK 3		1		null		LT1S0ACTUS00	ises	Licens	N-LCN-39	NW-RAN-SR
		1		null		iPasolink400	net	Cabin	RW-OUD-1	NW-TRM-MF
NW-RAN-NRD-LCN-9 Licenses NR0SBPMMEC00 null 1		3		02312CHK	4	WD7MQTRA300	e Antenna	Active	D-AAU-1	NW-RAN-NR
		1		null	00	NR0SBPMMEC	ises	Licens	D-LCN-9	NW-RAN-NR
NW-RAN-NRD-SFW-3 Software NR0S0BASIC01 null		1		null		NR0S0BASIC01	/are	Softwa	D-SFW-3	NW-RAN-NR
NW-RANLNRD_SEW_4 Software NR0S0DLIOAM00 pull	•	1		null	in			Softw		



Discrepancy Report that shows the difference between the PO and the auto detected installed items

Created Date 12/02/2023 10:56 PM Last Modify Date 12/02/2023 11:12 PM 1/51 «< > >	← → C O	localhost:8080/tam/P	PurchaseOrderForr	nView?ID=PO_2023_	115&NavAction=	=2						☆	🛛 🚯 :
Created Date 12/02/2023 10:56 PM Last Modify Date 12/02/2023 11:12 PM 1/51 C NFORMATION OVERVIEW DISCREPANCY Actions* Actions* Send Email Discrepancy Qty Net rate NW-RAN-SRN-BRD-6 Board WU-RAN-SRN-CAB-2 Large Cabinet BTS3900L 2111359 1 10000	ТАМ * Но	me 奈 Network 🗧	Purchasing	nventory 🔳 T	Trouble Tickets	🕁 Sales 🛛 🗠 Repor	t 🖵 Dashboard	Setup				4 647	admin \\
INFORMATION OVERVIEW DISCREPANCY Actions < Send Email Delete + Add Image: Control of the contro	Purchase Order	PO_2023_115		Status	Approved	~	Other PO's						Saved
Item Code Item Name Item Model Item Part Number Discrepancy Qty Net rate NW-RAN-SRN-BRD-6 Board WD22UMPTB2 3054886 3 4000 NW-RAN-SRN-CAB-2 Large Cabinet BTS3900L 2113359 1 10000	Created Date	12/02/2023 10:56 F	PM	Last Modify Date	12/02/2023	11:12 PM	1/51	« c »	»			ľ	= Q
NW-RAN-SRN-BRD-6 Board WD22UMPTB2 3054886 3 4000 NW-RAN-SRN-CAB-2 Large Cabinet BTS3900L 2113359 1 10000	INFORMATION	OVERVIEW DI	SCREPANCY						Actions -	Send Email	Telete	+ Add	B Save
NW-RAN-SRN-CAB-2 Large Cabinet BTS3900L 2113359 1 10000	Item Code		Item Nam	e		Item Model		Item Part Number	1	Discrepancy Qty		Net rate	
	NW-RAN-SRN-BI	RD-6	Board			WD22UMPTB2		3054886		3		4000	
Total Quantity 4 Total Discrepancy Price 22000.000 Discrepancy Qty % 33.333 Discrepancy Price % 34.921	NW-RAN-SRN-C	AB-2	Large C	abinet		BTS3900L		2113359		1		10000	
	Total Quantity 4		Total I	Discrepancy Price	22000.000		Discrepancy Qfy %	33.333		Discrepancy Price %	34.921		•
	Total Quantity 4		Total	Discrepancy Price	22000.000		Discrepancy Qty %	33.333		Discrepancy Price %	34.921		

Follow up the progress of each ordered items with other modules

Select	Item	Item Model	Item Part Number	Qty	GR	PR	AR	CIP	FAR
• • 📮	NW-RAN-END-BRD-2:Board	WD5MIFUBCK0	02310AGW	3	0	0	3	0	3
0 e 🖵	NW-RAN-SRN-BRD-17:Board	WD5MJFUGG8E	02310QMT	3	0	0	3	0	3
• • 📮	NW-RAN-SRN-BRD-6:Board	WD22UMPTB2	3054886	5	0	0	2	3	2

Validating work order based on the Auto Discovered Transactions

$\leftarrow \rightarrow$	C () localhost:8080/tam	n/WorkOrderFormView	workOrdId=WO	_2024_5&NavAction=	2				۹ 🕁	□ ⑧ :
TAM	Home 🗢 Network 💼 Pu	Irchasing	ry 🔳 TroubleT	ickets 🏠 Sales 🗠 R	eport 📮 Dashboard	🌣 Setup			* 🗧	l661 admin 🕙
Work Orde	er ID WO_2024_5		Status	Approved	~	Other WO	D'S			Saved
Created D	ate 03/12/2024 01:00 AM	l	Last Modify Date	03/12/2024 01:02 A	M	1/6	« ()	»		<u>ک</u> = ک
INFORMA	TION VALIDATION								Send Email + Add 👕 Del	ete 🔒 Save
Select	DN ID	DN Item ID	Item		Item Model		Item Part Number	Transaction ID	Transaction Type	Element Name
□ ┏	DND_2024_50	DNI_2024_77	NW	-RAN-END-BRD-2	WD5MIFUBCK0		02310AGW		Transfer from Site to Site	Board
4										Þ

Follow up the overall relation between modules as overall quantity and value.

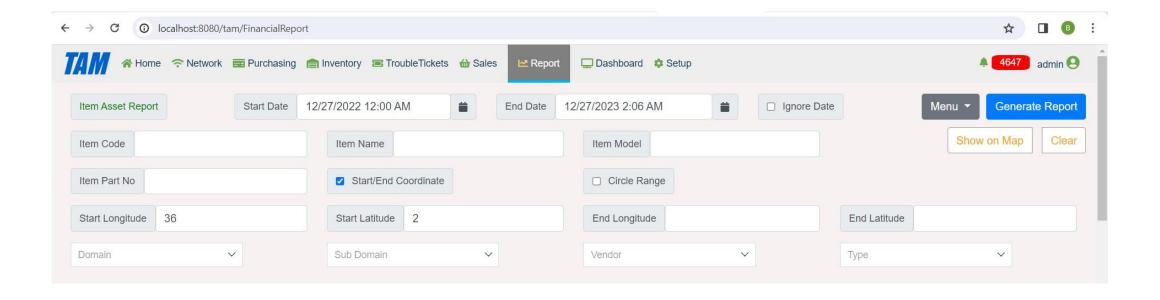
← → C (O) localhost:8080/tam/PurchaseOrderFo	mView?ID=PO_2023_115&NavAction=2	९ 🖈 🔲 🖲
Home The Network	🖃 TroubleTickets 📩 Sales 🗠 Report 🛄 Dashboard 🌼 Setup	4646 admin
Purchase Order PO_2023_115	Status Approved Other PO's	Saved
Created Date 12/02/2023 10:56 PM	Last Modify Date 12/02/2023 11:12 PM 1/51 C > >	
		Actions - Send Email 🕤 Delete + Add 🖬 Save
PURCHASE REQUEST	Q DISCOVERY NEW	•) GOODS RECEIVED
Purchase Request ID No Purchase Request	All Not Completed No of DNs 1 Net Total Amount 756000	All Not Completed No of GRs 0 Net Total Amount 0
Total Quantity 0	Total Quantity 12 12	Total Quantity 0 0
CAPITAL IN PROGRESS	ASSET REGISTRY	FIXED ASSET REGISTRY
No of CIPs 2 CIP Valuation Rate 0	No of ARs 8 Sum of Valuation Rate 0	All Not Running No of FARs 8 8 Initial Cost 8 41000
Total Quantity 4		Net Cost 0 41000



Asset Ratio Report									
	S	tart Date 03/10/2023	3 12:00 AM	🗯 End Date	03/10/2024 5:17 PM		Ignore Date		Menu 👻 Gene
e ID			Site ID		Site Name				Show on Map
nd Coordinate			Circle Range						
e 🔺									
10 V Rows									Search
									Search
Wareh	ouse ID	Site ID	Site Name	Longitude	Latitude	Revenue/Asset Initial	Revenue/Asset Net	Population/Asset Initial	Population/Asset Net
	Search	Search	Search	Search	Search	Search	Search	Search	Search
	Search _2021_13053				Search -1.27967	Search 65.352	Search 86.335	Search 4.455	Search 5.885
o Site WARE		Search	Search	Search					
o Site WARE	_2021_13053	Search 876NB	Search Tumaini Estate/Umoja 2 Muchai_Eaton	Search 36.89822	-1.27967	65.352	86.335	4.455	5.885
o Site WARE	_2021_13053 _2021_13044	Search 876NB 861NB	Search Tumaini Estate/Umoja 2 Muchai_Eaton Dedan Road-Ngong	Search 36.89822 36.66665	-1.27967 -1.373164	65.352 62.778	86.335 84.829	4.455 2.46	5.885 3.324
o Site WARE o Site WARE o Site WARE o Site WARE	_2021_13053 _2021_13044 _2021_12850	Search 876NB 861NB 209NB	Search Tumaini Estate/Umoja 2 Muchai_Eaton Dedan Road-Ngong Gigiri Exchange	Search 36.89822 36.66665 36.79971	-1.27967 -1.373164 -1.23207	65.352 62.778 62.596	86.335 84.829 81.157	4.455 2.46 1.554	5.885 3.324 2.015
o Site WARE o Site WARE o Site WARE o Site WARE o Site WARE	_2021_13053 _2021_13044 _2021_12850 _2021_12982	Search 876NB 861NB 209NB 551NB	Search Tumaini Estate/Umoja 2 Muchai_Eaton Dedan Road-Ngong Gigiri Exchange Kwa Gathoni Mui-Muto	Search 36.89822 36.66665 36.79971 36.747223	-1.27967 -1.373164 -1.23207 -1.2332816	65.352 62.778 62.596 62.527	86.335 84.829 81.157 96.274	4.455 2.46 1.554 2.413	5.885 3.324 2.015 3.716
o Site WARE o Site WARE o Site WARE o Site WARE o Site WARE o Site WARE	_2021_13053 _2021_13044 _2021_12850 _2021_12982 _2021_13079	Search 876NB 861NB 209NB 551NB 928NB	Search Tumaini Estate/Umoja 2 Muchai_Eaton Dedan Road-Ngong Gigiri Exchange Kwa Gathoni Mui-Muto Utawala_Kibiku	Search 36.89822 36.66665 36.79971 36.747223 36.9507	-1.27967 -1.373164 -1.23207 -1.2332816 -1.27677	65.352 62.778 62.596 62.527 62.518	86.335 84.829 81.157 96.274 79.937	4.455 2.46 1.554 2.413 2.325	5.885 3.324 2.015 3.716 2.973
o Site WARE o Site WARE	_2021_13053 _2021_13044 _2021_12850 _2021_12982 _2021_13079 _2021_12990	Search 876NB 861NB 209NB 551NB 928NB 566NB	Search Tumaini Estate/Umoja 2 Muchai_Eaton Dedan Road-Ngong Gigiri Exchange Kwa Gathoni Mui-Muto Utawala_Kibiku Huruma Ngei SFC	Search 36.89822 36.66665 36.79971 36.747223 36.9507 36.869198	-1.27967 -1.373164 -1.23207 -1.2332816 -1.27677 -1.2584534	65.352 62.778 62.596 62.527 62.518 62.516	86.335 84.829 81.157 96.274 79.937 99.029	4.455 2.46 1.554 2.413 2.325 2.303	5.885



Item Asset Report - Input filtering fields





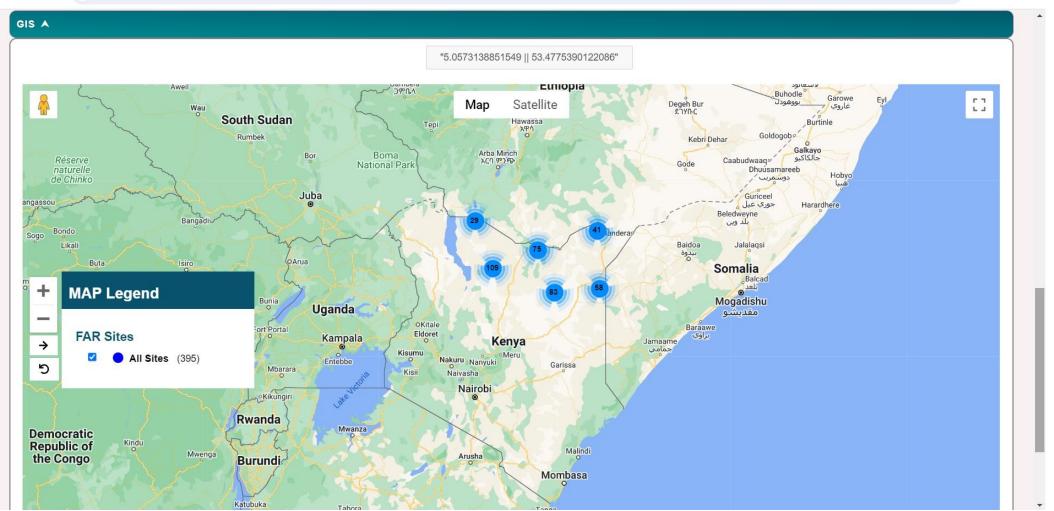
Item Asset Report – Results in advanced filtered grid with the totals

ow 10	✓ Rows								Search					
	FAR ID	Item Co	le 🗄	Item	n Name	E	Item Mo	del 📘	Item P	art Number	iΞ	Last Modified Date	e \Xi	
	Search	Sea	ch		Search		Sea	arch		Search		Search		
Pan to Site	FAR_2023_18068	8 NW-RAN-B	NW-RAN-BTS-CAB-1		Cabinet		BTS3900E			null		2023-02-24 14:01:11		
an to Site	FAR_2023_18069	8 NW-TRM-M	NW-TRM-MRW-OUD-7		Cabinet		iPASOLINKIX			null		2023-02-24 14:01:11		
Pan to Site	FAR_2023_18066	3 NW-TRM-M	NW-TRM-MRW-OUD-1		Cabinet		iPasolink400			null		2023-02-24 14:01:10		
an to Site	FAR_2023_18067	7 NW-TRM-M	NW-TRM-MRW-OUD-1		Cabinet		iPasolink400			null		2023-02-24 14:01:10		
Pan to Site	FAR_2023_18065	1 NW-TRM-M	NW-TRM-MRW-IND-1		Cabinet		iPasolink400			null		2023-02-24 14:01:10		
an to Site	FAR_2023_18064	7 NW-TRM-M	NW-TRM-MRW-IND-1		Cabinet		iPasolink400			null		2023-02-24 14:01:10		
an to Site	FAR_2023_18067	5 NW-TRM-M	NW-TRM-MRW-IND-9		Cabinet		iPASOL	INKVR2		null		2023-02-24 14:01:10		
an to Site	FAR_2023_18060	0 NW-TRM-MI	NW-TRM-MRW-OUD-1		Cabinet		iPasolink400			null		2023-02-24 14:01:09		
Pan to Site	FAR_2023_18062	0 NW-TRM-M	NW-TRM-MRW-OUD-1		Cabinet		iPasol	ink400		null		2023-02-24 14:01:	:09	
ewing 1-10) of 16885										Prev	1 1689	Next	
	Total Initial Cost 74,7	776,189.57	Total N	Total Net Cost 54		.33	Total Accumul		nulated Depre	ated Depreciation 20,304,0)82.24		
AR	Total Initial Cost 4.11	al Initial Cost 4,113,527.94		Total Net Cost 2,788,159.50		50	Total Accumul		ulated Depre	ated Depreciation 1,325,36		38.44		

Item Asset Report – GIS

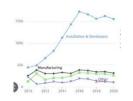
← → C ③ localhost:8080/tam/FinancialReport

☆ 🛛 🚯 :

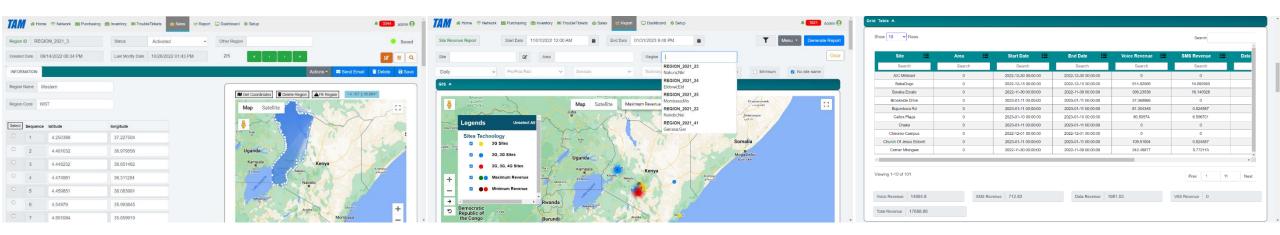


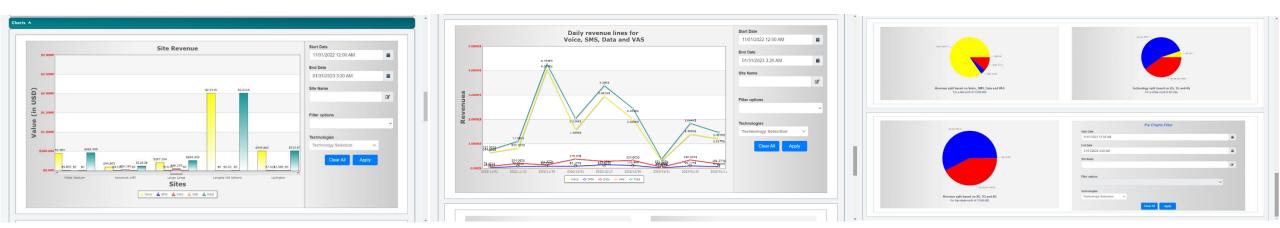
Integrated with other parties including ERP, like assets, inventory, purchases modules and others if needed.





Dynamic reporting system supporting GIS, Grid, Charts and tree if needed.





Supporting wide range of reports with ability to create the new needed reports



Calculating assets values as initial cost, depreciation and net cost.



Payments against Purchase Orders based on installation.



Revenue to Asset Ratio for network elements.

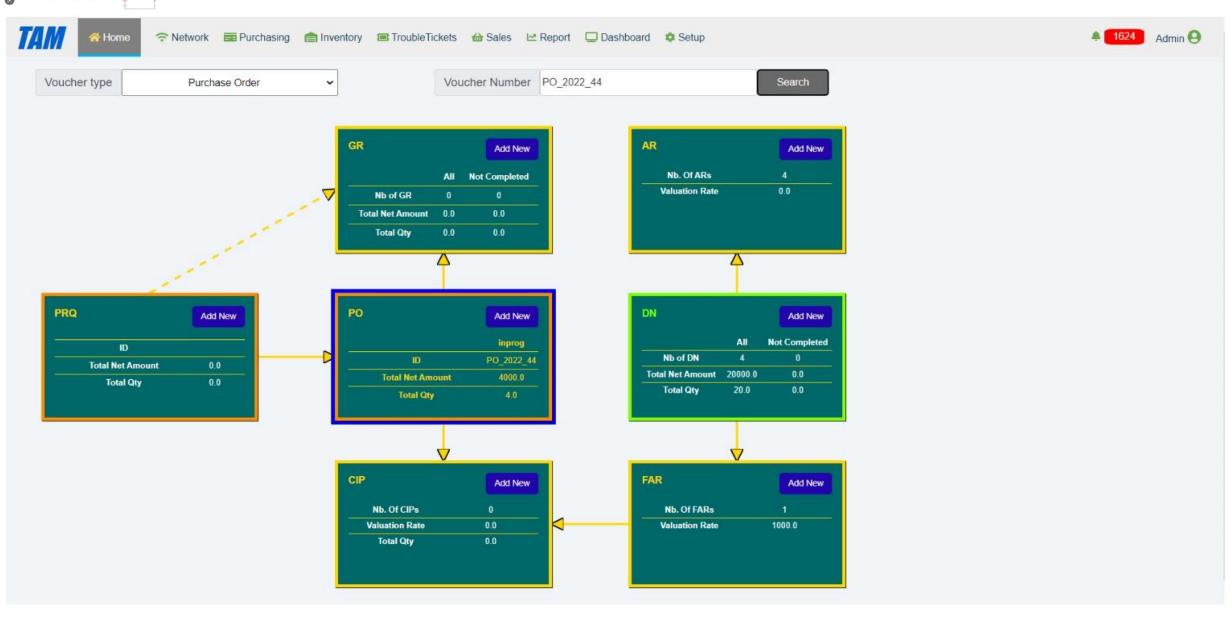


Asset Lifecycle Reports.



Capacity management (in the incoming version).

Ability to apply workflow



TAM

Gaps That TAM is Solving it

Telecom Gaps to increase the profit & TAM is solving it:

1 Not able to realign the network and not able to validate the design visibility because we do not have the following factors:

GAP

- A Revenue / Asset Ratio for each path, site, area and region.
- Population / Asset Ratio for each path, site, area and region.
- C Expenses / Asset Ratio for each path, site, area and region.
- D There is not ideal design based on the above ideal ratios.
- The site contents as cells, models and quantities are unknown.

Alarms does not help to capture the network asset transactions (disappear, new or transferred).

(2)

TAM Solution

Revenue to Asset Report. Population to Asset Report. Expenses to Asset Report. Network Auto Discovery Module.

Network Auto Discovery Module. Network Transaction Report. Discovery New Workflow.

Telecom Gaps to increase the profit & TAM is solving it:

GAP



So auto discovery for network assets → assets in each site is unknown (not updated) and by increasing the connections between the network elements, then a messy (ambiguity) will happen and that make the maintenance, the customer service and network upgrade and expansion is hard or impossible.



PO Discrepancy is not accurate and not validated.

Work orders are not reconciled with network asset transactions.

Network Auto Discovery Module. Fiber Module. Historical Information. Site Contents. Fixed Asset Register.

PO Module. Discrepancy Report. Discovery New Workflow.

Work Order Module. Discovery New Workflow.

Telecom Gaps to increase the profit & TAM is solving it:



TAM Solution

6 Disappeared assets are not captured.

7 No GIS and no different tree hierarchy \rightarrow No smart vision.

Discovery New Workflow. Network Transaction Report. Historical Information.

GIS Tool With Dynamic Tree.

minor_mod = modifier_ob mirror object to mirror mod.mirror_object eration = "MIRROR_X" "ror_mod.use_X = True "ror_mod.use_Y = False "ror_mod.use_X = False "peration = "MIRROR_Y" "ror_mod.use_Y = True "ror_mod.use_X = False "peration = "MIRROR_Z"

election at the end -add _ob.select= 1 er_ob.select=1 ntext.scene.objects.action ("Selected" + str(modific irror_ob.select = 0 bpy.context.selected_ob ta.objects[one.name].selected_ob

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- OPERATOR CLASSES

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Customizable upon needed.

THANK YOU

www.almensaah.com