

(Formerly TIPWeb-IT)

Release Notes – Version 13.1

Frontline Education is happy to announce the release of Asset Management v13.1 which includes the following enhancements:

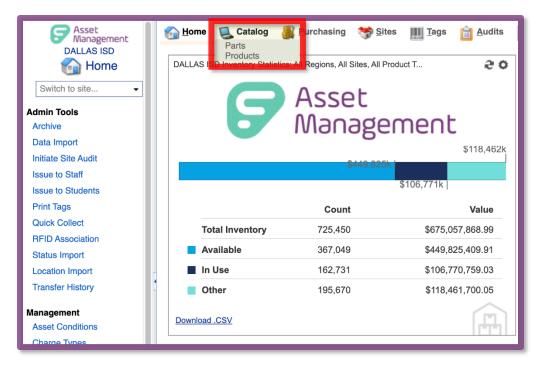
- 1) Parts Management: Parts Catalog, Site Inventory, Product Assignment, Inventory History, Minimum Stock
- 2) District Settings: Access API and SSO documentation
- 3) Reconcile Tags on Transfers: Notes & Print Transfer Ticket

1.TIH-833: Parts Management: Parts Catalog, Site Inventory, Product Assignment, Inventory History, Minimum Stock

Asset Management Users can now add and track untagged consumable parts at each site. Parts Management will help to inventory the untagged parts needed for repairs across your district, whether that is for Technology, Maintenance, or Operations, your teams will have the perfect spot to track your consumables.

Catalog: Product Catalog Menu

- Upon logging in, Admin and Site Users can now click "Catalog" from the top navigation and see a new drop-down menu displaying "Parts" and "Products."
- All user types will view the Parts Catalog by default. Steps to modify permissions are described further in this document.



• Clicking "Products" from the Catalog menu will take you to the traditional Product Catalog.

ADC	d Record	Show Inactiv	e					F	Please select	Product Cat	alog Report 🝷	Refres
		Product Number	Product Name		Manufacturer	M	odel	Product Type		Other #1	Total Inventory	Pri
						-		COMPUTERS -	LAPTC 🔻			
0	/ 🖹 🗞	2008304	12.9 inch iPad Pro		Apple			COMPUTERS - I	LAPTOPS		908	1499.0
	Details	Inventory	Accessories									
P	Product: 12	.9 inch iPad Pro	b									
F	Product Nur	mber: 2008304		Model End O	f Life:		Total Invento	ory: 908				
	Product N	ame: 12.9 inch i	Pad Pro	Projected	d Life:		Total Availal	ole: 419				10
		turer: Apple			er #1:		Total Val	ue: \$1,361,092.00			15.0	ACE
				Oth	er #2:						11/1/	AGE
		lodel:										
	Product	Type: COMPUTE	ERS - LAPTOPS	Oth	er #3:						SEL	ECTED
	Product	Type: COMPUTE Area: None	ERS - LAPTOPS	Oth Suggested	er #3: Price: \$1,499.00						SEL	ECTED
	Product	Type: COMPUTE	ERS - LAPTOPS	Oth Suggested Serial Req	er #3: Price: \$1,499.00 uired: False						SEL	ECTED
	Product	Type: COMPUTE Area: None SKU:	ERS - LAPTOPS	Oth Suggested Serial Req	er #3: Price: \$1,499.00						SEL	ECTED
	Product	Type: COMPUTE Area: None SKU:	ERS - LAPTOPS 16-inch MacBook	Oth Suggested Serial Req	er #3: Price: \$1,499.00 uired: False			COMPUTERS - L	LAPTOPS		SEL	
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0000	Product 7	Type: COMPUTE Area: None SKU: lotes: 2008193 2006552 2002123	16-inch MacBook 2GOPC Atom Netbook Acer Laptop Aspire	Oth Suggested Serial Req Allow Unta	er #3: Price: \$1,499.00 uired: False gged: False Apple 2GOPC Acer Inc	A	spire	COMPUTERS - L COMPUTERS - L	LAPTOPS LAPTOPS LAPTOPS		37 3 6	2181.0 250.0 326.0 0.0
00000	Product 7	Type: COMPUTE Area: None SKU: lotes: 2008193 2006552 2002123 2005510	16-inch MacBook 2GOPC Atom Netbook Acer Laptop Aspire Acer Laptop Aspire 3	Oth Suggested Serial Req Allow Unta	er #3: Price: \$1,499.00 uired: False gged: False Apple 2GOPC Acer Inc Acer Inc	As As	spire spire 3	COMPUTERS - L COMPUTERS - L COMPUTERS - L	LAPTOPS LAPTOPS LAPTOPS		37 3 6 1	2181.0 250.0 326.0 0.0 130.0
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000000000000000000000000000000000000000	Product 7	Type: COMPUTE Area: None SKU: 2008193 2006552 2002123 2005510 2001788 2001887	16-inch MacBook 2GOPC Atom Netbook Acer Laptop Aspire Acer Laptop Aspire 35 Acer Laptop Aspire 55 Acer Laptop Chromeb	Oth Suggested Serial Req Allow Unta	er #3: Price: \$1,499.00 uited: False gged: False 2GOPC Acer Inc Acer Inc Acer Inc Acer Inc	A: A: A: C C	spire spire 3 spire 5532 thromebook 11	COMPUTERS - L COMPUTERS - L COMPUTERS - L COMPUTERS - L COMPUTERS - L	LAPTOPS LAPTOPS LAPTOPS LAPTOPS LAPTOPS LAPTOPS		37 3 6 1 4 2521	2181.0 250.0 326.0 0.0 130.0 170.0

• Clicking "Parts" from the Catalog menu will take you to the new Parts Catalog.

Add Record 📙 Save Cha	dd Record 📙 Save Changes 😮 Cancel Changes 🧔					
Part Number	Part Name	Part Type	Part Area	Quantity	Cost	Minimum Stock
a100		•	•			
a1006	Battery	Chromebook	Technology	28	100.00	10
a1005	Bus Tires	Bus	Transportation	24	200.00	4
a1004	Condenser Pad	HVAC	Maint	10	100.00	5
a1003	Copper Line	HVAC	Maint	0	400.00	5
a1001	Screen 13in	Chromebook	Technology	0	25.00	100
a1002	Screen 15in	Chromebook	Technology	0	25.00	100
< < 1 > > Page s	ize: 10 👻					6 items in 1 pag

User Permissions to Restrict Site View Users

As an admin, there are permissions that can be turned on and off for non-admin users.

New options for permissions:

- View Parts access and view the parts grid
 - If View Parts catalog is disabled, other capabilities for Parts will be disabled automatically.
- Add/Edit Parts Catalog Items add new Parts catalog items/edit existing Parts catalog items
- Remove/Add Parts Inventory (qty) update inventory quantity for parts at the site or district level
- Associate Products associate a Product in the Product Catalog to a Part

- If View Product catalog is disabled, associate products to parts is not possible
- Add Part from Catalog to Site ability to see full catalog and add parts from full catalog to that site

The chart below shows the default permissions and which can be edited.

	View Parts	Add/Edit Parts Catalog Items	Remove/Add Parts Inventory (qty)	Associate Products	Add Parts from Catalog to Site
	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Admin Admin	Default	Default	Default	Default	Default
	Active-	Active-	Active-	Active-	Active-
	Non Editable	Non Editable	Non Editable	Non Editable	Non Editable
	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Site Admin	Default	Default	Default	Default	Default
	Active-	Active-	Active-	Active-	Active-
	Editable	Editable	Editable	Editable	Editable
	\checkmark	X	\checkmark	X	X
Admin User	Default	Default	Default	Default	Default
	Active-	Inactive-	Active-	Inactive-	Inactive-
	Editable	Editable	Editable	Editable	Editable
	\checkmark	X	\checkmark	X	X
Site User	Default	Default	Default	Default	Default
	Active-	Inactive-	Active-	Inactive-	Inactive-
	Editable	Editable	Editable	Editable	Editable

Steps to Edit Permissions:

- Log in as an Admin to the Admin View.
- On the left navigation under Management, select "Users".
- To change user permissions, you can click for the user and the Modify Permissions window will appear.

Permission Template: Select	Permission Template	- ₴	
Tags	Rooms	Staff	
Edit:	View Access: 🜌	View Access: 🔽	
Remove Tag from an Order: 🗹	Add / Edit: 🜌	Add / Edit: 🜌	
Catalog	Quick Collect:	Issue to Staff: 🗹	
View Products: 🗹	Room to Room Transfer: 🗹		
View Parts: 🗹	Site Transfers	Students	
Add / Edit Parts Catalog Items:	Initiate Transfer:	View Access: 🔽	
Add / Remove Parts Inventory (Qty): 🛃	Receive Transfer:	Add / Edit: 🔽	
Associate Products: 🗹		Issue to Student: 🔽	
Add Parts from Catalog to Site:			
Purchasing			
View Access: 🗹			
			_

Steps to Create/Edit Permission Templates:

- To edit Permission Templates to easily apply user permissions on a broader scale you can click Permission Templates under Management while on the User screen.
- Three different User Permission Template types are available: Admin User, Site Admin, and Site User.
- If creating a new template, after saving, navigate to your user and Modify Permissions choosing the Permission Temple from the dropdown option.

Record 👸 Bulk Modify Permissio		ge Permission Templates	Fibase	×
Tomoloto Marana	Enter Permission Template N			
View: User Role:		•		
User Hole:	User			
Catalog		Sites		
View Produ	-	View Access:		
Add / Edit Produ	_	Add / Edit:		
View Pa	arts: 🔽	Tags Grid (Admin View)		
Add / Edit Parts Catalog Iter	_	View Access:		
Add / Remove Parts Inventory (Q		Bulk Edit:		
Associate Produ	_	Quick Transfer:		
Add Parts from Catalog to S	Site:	Archive		
Purchasing		Catalog:		
View Acce	955: 🗸	Inventory:		
Add / E	-	Staff:		
Remove Tag from an Ore	der: 🔽	Student:		
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				_
Template Name:	Enter Permission Template N	lame		
Template Name: View:	Enter Permission Template N Site	lame		
View:				
View:	Site	•	Staff	_
View: User Role: Tags	Site	•	Staff View Access: V	
View: User Role: Tags	Site Administrator	▼ ▼ Rooms		
View: User Role: Tags	Site Administrator	▼ ▼ Rooms View Access: ✓	View Access: 🗸	-
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Template Name: Enter Pe	ermission Template Name	
View: Site	•	
User Role: User	•	
Tags	Rooms	Staff
Edit:	View Access: 🗹	View Access: 🗸
Remove Tag from an Order: 🔽	Add / Edit: 🗸	Add / Edit: 🗹
Catalog	Quick Collect: 🗸	Issue to Staff: 🗹
View Products: 🔽	Room to Room Transfer: 🗹	
View Parts: 🗸	Site Transfers	Students
Add / Edit Parts Catalog Items:	Initiate Transfer: 🗹	View Access: 🗸
Add / Remove Parts Inventory (Qty): 🗹	Receive Transfer: 🗸	Add / Edit: 🗹
Associate Products:		Issue to Student: 🗸
Add Parts from Catalog to Site:		
Purchasing		
View Access: 🗸		
		2 ·

Parts Management Catalog

The Parts Catalog Grid includes in-line edit capabilities and functions differently from your Product Catalog Grid.

- To add a new record, click "Add Record" at the top of the Parts Catalog Grid and a new blank line will open up as the first row in the grid.
- You will be able to add new records without navigating away from the grid.
- Click "Save Changes" at the top of the Parts Catalog to add the new part to your catalog.
- Click "Cancel Changes" to close and discard any modifications to your catalog.

Note: any unsaved changes will be lost. If you navigate away from the grid, change a filter or hit refresh, adds or changes will be lost. Please save changes frequently and often.

Part Number	Part Name	Part Type	Part Area	Quantity	Cost	Minimum Stock
a100		.				
a1006	Required	None	None		0	0
a1005	Bus Tires	Bus	Transportation		200	4
a1004	Condenser Pad	HVAC	Maint		100	5
a1003	Copper Line	HVAC	Maint	0	400.00	5
a1001	Screen 13in	Chromebook	Technology	0	25.00	100
a1002	Screen 15in	Chromebook	Technology	0	25.00	100

Part Number:

- Part Number must be a unique identifier.
- Part Number can be a duplicate to Product Number as Parts are its own Catalog.
- Max character limit is 30 alphanumeric characters

Part Name:

- Part Name must be a unique name.
- Part Name can be a duplicate to Product Name as Parts are its own Catalog
- Max characters limit of 30 alphanumeric characters

Part Type and Part Area:

- Part Type and Part Area are drop downs menus created by users who have access to add and edit parts.
- To add a new Part Type or Part Area to the drop-down list, type you new entry and select the green plus sign.
- Part Type and Part Area fields are searchable and once the field is highlighted, click the name, or hit enter to save the selection.
- To navigate to the next field from the two drop down fields, you must click on the field tabbing to move between drop down fields is not enabled.
- The character limit in these fields is 100 characters.

	Part Name	Part Type		Part Area	Quantity	Cost	Minimum Stock
a100			•	•			
a1006	Battery	Chromebook	•	None		0	0
a1005	Bus Tires	Chrom	0	Transportation		200	4
a1004	Condenser Pad	Chromebook		Maint		100	5
a1003	Copper Line			Maint	0	400.00	5
a1001	Screen 13in			Technology	0	25.00	100
a1002	Screen 15in			Technology	0	25.00	100

Quantity

- The Quantity field in the grid is not editable from the Part Catalog grid.
- The Quantity field aggregates all site inventory for that part automatically. Steps to add inventory to sites are described further in this document.
- Field type is integer, and the character limit is 5,000,000.

<u>Note</u>: When the Quantity number appears in red, this is an indicator the Part quantity has fallen below the minimum stock required by the district.

() A	dd Record 📙 Save Changes 🤅	Cancel Changes					💝 Refresh
	Part Number	Part Name	Part Type	Part Area	Quantity	Cost	Minimum Stock
	a100		•	•			
>	a1006	Battery	Chromebook	Technology	28	100.00	10
>	a1005	Bus Tires	Bus	Transportation	24	200.00	4
>	a1004	Condenser Pad	HVAC	Maint	10	100.00	5
>	a1003	Copper Line	HVAC	Maint	0	400.00	5
>	a1001	Screen 13in	Chromebook	Technology	0	25.00	100
>	a1002	Screen 15in	Chromebook	Technology	0	25.00	100
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Cost

- The cost field is not a required field
- Field type is decimal with no \$ present
- Field can accept up \$100,000 in cost per item
- Cost field is per item, not an aggregate of all the parts in inventory

Minimum Stock

- When the Quantity number appears in red, this is an indicator the Part quantity has fallen below the minimum stock required by the district.
- The field can accept up to 500,000 in minimum stock
- Field type is integer
- Field is not required

Inventory Tab

- Click on the carrot ">" next to the Part.
- On the Inventory tab, you have the capability to add or remove inventory quantity to sites through in-line editing.

Part Number	Part Name	Part Type	Part Area	Quantity	Cost	Minimum Stock
a100		•		▼		
a1006	Battery	Chromebook	Technology	30	100.00	10
Inventory F	roducts Inventory History					
Add Inventory	📙 Save Changes 🕴 Cancel Ch	anges				🍣 Ref
Location				Quantity	Minimum S	Stock
High School				5	0	
S Early College Hig	h School			5	0	
S McAllen High Sch	nool			5	0	
S Memorial High So	chool			5	0	
S Rowe High School	bl			5	0	
Sugu High school				5	0	
К < 1 > Э	Page size: 10 👻					6 items in 1 pa
a1005	Bus Tires	Bus	Transportation	0	200.00	4
a1004	Condenser Pad	HVAC	Maint	0	100.00	5
a1003	Copper Line	HVAC	Maint	0	400.00	5
a1001	Screen 13in	Chromebook	Technology	0	25.00	100
a1002	Screen 15in	Chromebook	Technology	0	25.00	100

Add Inventory to Sites

- Click "Add Inventory" to view a list of sites to add parts inventory.
 - Once a site has been added to the inventory it is removed from the modal. If all sites are added to the modal pops up and says "No records to display"
- Make sure to check the box so the new site inventory quantity is added for the part.
 - If do not check your entry will not be saved, no error displays
- Tab or use your mouse to click into the next site quantity box.
- Click "Save" to associate the part to selected sites.
- Click the checkbox at the top left of the grid to select all sites in the system.
 - All sites including warehouse display

ber		Part Name	Part Type Assig	Part Area gn Sites	Quantity	Cos X
·Ed	1 iten	n(s) selected			ar Re	fresh
		Site Name		Quantity		
ent Ada						
Ad(003 New Tech at B.F. Darrell		10		
_		Bigtown High		0		
D1		005 Molinas High		0		
ien		T007 Jefferson High (Pre Tornado)		0		
<		008 Kimber High		0		
		012 Pinkston High		0		
		013 Roosevelt High		0		
		014 Samuell High		0		
·Ed		021 WT White High		0		-
		022 Woodrow Wilson High		0)
	К	1 2 3 4 5 6 7 8 9 10 .	>>> Page	size: 10 🔻	499 items in 50 p	ages
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ee						

When performing a **Site Name search**, clicking the **select all check box** at the top-left of the modal will only select the sites returned in the search results, allowing you to add site inventory in bulk.

<u>~</u>	Site Name	Quantity	
	high		
/	Bigtown High	10	
	005 Molinas High	5	
∕]	T007 Jefferson High (Pre Tornado)	0	
	008 Kimber High	0	
/	012 Pinkston High	0	
	013 Roosevelt High	0	
∕]	014 Samuell High	0	
/	021 WT White High	0	
⁄]	022 Woodrow Wilson High	0	
/	023 Carter High	0	
к	<1 2 3 >>>> Page size: 10 ▼		30 items in 3 pages
			90

As an admin in the admin view, can add sites without parts inventory quantity, allowing for site users to add their quantity later.

🚱 Add Inventory 📙 Save Changes 🔇 Cancel Changes		🗟 Refre
Location	Quantity	Minimum Stock
#Pari01	11	33
000 General	3	0
005 Molinas High	5	0
006 Hillhurst High	0	0
007 Jefferson High	0	0
008 Kimber High	0	0
009 Lincoln High	0	0
012 Pinkston High	0	0
013 Roosevelt High	0	0
014 Samuell High	0	0
K < 1 2 3 4 > > Page size: 10 -		32 items in 4 pag

As an admin, you can assign products to parts. This assignment will allow users to see which products use certain parts.

0	Add Record 📙 Save Chang	ges 🔇 Cancel Changes						ᄙ Refresh		
	Part Number	Part Name	Part Type	Part Area	Quantity	Cost		Minimum Stock		
			•	•						
~	0001A- Tech	Screen 2	Computer	Technology Department	29	22.00		1		
	Inventory Products Inventory History									
	Assign Products							2Refresh		
	Product Number	Product Name		Product Type			Action			
						•				
	2001887	Acer Laptop	Chromebook 11	COMPUTERS - LAPTOPS			-			
	К<1>> Я Р	age size: 10 👻						1 items in 1 pages		

- By clicking "Assign Products", a modal will open allowing you to search the whole product catalog.
- Search by product number, product name, manufacturer, and product type.

	Product Number	Product Name	Manufacturer	Product Type
			All items checked 🔹	All items checked -
~	104	IPAD 2 16GB WITH WIFI WHITE (2ND GENERATION)	APPLE INC.	S IPAD
	106	IPAD AIR 2 WI-FI 16GB-GOLD	APPLE INC.	S IPAD
	HP-COMPUTER		HP	S CHROMEBOOK LAPTOP
	19022020-1	Dell Monitor	MATROX	S COMPUTER MONITOR
	19022020-2	Dell Monitor2	APPLE INC.	S Cable
	19022020-3	Dell Laptop	None	S CART
	2000038	CHROMEBOOK LENOVO N22	LENOVO	S CHROMEBOOK LAPTOP
	2000042	Apple TV	APPLE	S Apple TV 2
	2000046	DELL-COMPUTER LAPTOP WIN OS 15 INP	DELL	S LAPTOP
	2000048	DELL-COMPUTER DESKTOP WIN OS OPTIPLEX 7040	DELL	S COMPUTER DESKTOP WIN OS
	(123456	7 8 9 10 > >	Page size: 10 -	810 items in 81 pages

• To **assign products** to a part, check the boxes next to the product.

• Once a blue check is visible, you can click **Save** to keep your changes or **Cancel** to reject selections and close the modal.

territ	s) selected			Refresh
	Product Number	Product Name	Manufacturer	Product Type
	104	IPAD 2 16GB WITH WIFI WHITE (2ND GENERATION)	APPLE, APPLE INC.	All items checked S IPAD
	106	IPAD AIR 2 WI-FI 16GB-GOLD	□ APC	S IPAD
	19022020-2	Dell Monitor2	APPLE INC.	S Cable
	2000042	Apple TV	AVER	S Apple TV 2
	2000096	APPLE- COMPUTER LAPTOP MAC OS 13 IN MACBOOK PROA1706	AVERVISION Barracuda Bavarian Motor Werks BENQ	S LAPTOP
	2000161	APPLE-IPAD PRO A1584		S IPAD
	2000185	LizC		S Apple TV 2
	2000188	Apple iPad Pro ML0G2LL/A	Califone	S TABLET 2
	2000192	Apple iPhone X1	Cisco	S Mobile Phone
	2000195	Iphone X		S Mobile Phone
k	1 2 3 4 5 6	78910>X	D & H DATA ROBOTICS DELL Dell Computers	163 items in 17 pages

When performing a search for product number, product name, manufacturer, or product type, clicking the **select all check box** at the top-left of the modal will only select the sites returned in the search results, allowing you to add site inventory in bulk.

Inventory History Tab

• The Inventory History Tab shows all adjustments made to the Parts Inventory Quantity, who made the adjustments, when they were made, and quantity count changes. The Inventory History tab will track the Date, User (First and Last Name), Site Name, Quantity, Adjustment and Singl Quantity of the Part.

Quantity. Adjustment and Final Quantity of the Part.

- Negative adjustments are indicated in red and with a negative (-) sign.
- Positive adjustments are indicated in green.

Part Number	Part Name		Part Type	_	Part Area	Quant	lity	Cost		Minimum Stock	
a100			•	•	•						
a1006	Battery		Chromebook		Technology	28		100.00		10	
Inventory Products	Inventor	y History									
											🝣 Refr
Date		User		Site N	lame		Quantity Adjustment		Final Quantity		
03/20/2023		AnnaMaria Gallo	zzi	High	School		-2		3		
03/20/2023		AnnaMaria Gallo	zzi	S McAllen High School 5		5 5					
03/20/2023		AnnaMaria Gallo	zzi	S Me	emorial High School		5		5		
03/20/2023		AnnaMaria Gallo	zzi	S Ro	owe High School		5		5		
03/20/2023		AnnaMaria Gallo	zzi	S Ea	rly College High School		5		5		
03/20/2023		AnnaMaria Gallo	zzi	High	School		5		5		
03/20/2023		AnnaMaria Gallo	zzi	Sugu	u High school		5		5		
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Site View

- At the site level view, like the product catalog, site users will only be able to view parts allocated to their site by default but not what other sites have in inventory.
- The Catalog menu will now show two options, Parts and Products.
- The Product Catalog grid will function without new changes.
- The Parts Catalog grid will be viewable if user permissions permit.

Note: When the quantity numbers appear in red, it is an indicator that the quantity has fallen below the minimum stock required by the site.

The site minimum stock can be set at the district level or at the site level.

	Part Number	Part Name	Part Type	Part Area	Quantity	Cost	Minimum Stock
	a100		•	•			
>	a1006	Battery	Chromebook	Technology	5	100.00	0
>	a1005	Bus Tires	Bus	Transportation	4	200.00	0
>	a1004	Condenser Pad	HVAC	Maint	0	100.00	0
>	a1001	Screen 13in	Chromebook	Technology	5	25.00	10
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- If the site user has access to add a new Part, "Add Record" will open the in-line edit function to allow the user to add Part Number, Part Name, Part Type, Part Area, Quantity, Cost and Minimum Stock for the site.
- Site created parts will roll up to the district parts catalog.
- An Admin Admin or District Admin, can make edits to the part created by a site at the district view.
- Click on the "Show Full Parts Catalog" button, if the part the site user is looking for does not have inventory or has not been associated to that site.

• The part quantities can be updated if the user has the permission to "Add Part from Catalog to site." To add a part to your site, you can update the quantity and/or the minimum stock for that site.

Part Number	Part Name	Part Type	Part Area	Quantity	Cost	Minimum Stock
a100			•			
a1006	Battery	Chromebook	Technology	5	100.00	0
a1005	Bus Tires	Bus	Transportation	4	200.00	0
a1004	Condenser Pad	HVAC	Maint	0	100.00	0
a1003	Copper Line	HVAC	Maint	0	400.00	0
a1001	Screen 13in	Chromebook	Technology	2	25.00	10
a1002	Screen 15in	Chromebook	Technology	0	25.00	0

On the site level grid, when the carrot on the lefthand side is clicked and the row is expanded, only two tabs are shown, unlike the Admin View. The two tabs shown are "Products" to show product associations and "Inventory History" to show all inventory changes.

Products Tab

- If the site user has permission to Assign Products, the button will be enabled and the modal will pop-up when clicked.
- If the user does not have permission to assign products, they will be able to view the product associations but not assign products.
- Site users can only see the products from their own site, not all products.

A	ld Record 😸 Save Changes 🄇	Cancel Change	s 🗌 Show Full	Parts Catalog						🖑 Refre
	Part Number	Part Name		Part Type		Part Area	Quantity	Cost		Minimum Stock
	100			•	· · · · ·					
	a1006	006 Battery		Chromebook		Technology	5	100.00		0
•	a1005	Bus Tires		Bus		Transportation 4		200.00		0
•	a1004	Condenser Pad		HVAC		Maint 0		100.00		0
	a1001	Screen 13in		Chromebook		Technology	5	25.00		10
	Products Inventory	History								
	Assign Products									2 Refres
	Product Number		Product Name	Product Type					Action	
								-		
	2001158		Dell Chromebo	ok 11 SE		CHROMEBOOK			•	
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				Part Area	_	Quantity	_		6
Part Number a100	Pari	Name	Part Type	Assign Products		skatori at y	×	Cost	Minimum Stock
	2 itom	(s) selected				💝 Refresh			
a1006 a1005		Product Number	Product Name	Manufacturer		Product Type		100.00	0
a1004				All items checked	.	All items checked -		100.00	0
a1001			IPAD 2 16GB WITH					25.00	10
Products Inven		102	WI-FI - Black	APPLE INC.		S IPAD			
Assign Products		2000038	CHROMEBOOK LENOVO N22	LENOVO		S CHROMEBOOK LAPTOP			ær
Product Number 2001158		2000144	DELL-COMPUTER LAPTOP WIN OS 12 IN LATITUDE 5289	DELL		S LAPTOP		A. •	tion
К < 1 > Э Р		2000172	EPSON- PROJECTOR MULTIMEDIA POWERLITE 98H	EPSON		S PROJECTOR MULTIMEDIA			1 items in 1
Page size:		602	APPLE COMPUTER LAPTOP MAC OS 13 IN A1278	APPLE INC.		S LAPTOP			4 items in © 2011-2023 <u>Hayes Software Systems</u> . All
		CXI2-2GKM	ACER-COMPUTER DESKTOP CHROME OS CHROMEBOX CI2- 2GKM	ACER		S COMPUTER DESKTOP CHROME OS			
		H2060	APPLE- COMPUTER LAPTOP MAC OS 13 IN	APPLE		S COMPUTER DESKTOP MAC OS			

Inventory History Tab

- The inventory history tab will show all adjustments made to the Parts inventory quantity: who made the adjustments, when they were made, and quantity count changes.
- The Inventory History tab will track the Date, User (First and Last Name), Site Name, Quantity Adjustment and Final Quantity of the Part.
- Negative adjustments are indicated in red and with a negative (-) sign
- Positive adjustments are indicated in green.

Part Number Part Name		Part Type	Part Area		Quantity	Cost	Minimum Stock
a100		•		•			
a1006	Battery	Chromebook Technology			5	100.00	0
a1005	Bus Tires	Bus Transportation			4	200.00	0
a1004	Condenser Pad	HVAC Maint			0	100.00	0
a1001	Screen 13in	Chromebook	Technology		2	25.00	10
							🗟 Refr
Date		User	c	Quantity Adjustme	ont	Final Quantity	🗟 Refr
Date		User	c	Quantity Adjustme	mt	Final Quantity	🗞 Refr
Date 03/20/2023		User AnnaMaria Gallozzi	c		mt	Final Quantity	😪 Refr
				3	mt		🧟 Refr
03/20/2023		AnnaMaria Gallozzi		3	nt	2	Refr 2 items in 1 pa

Other Considerations:

- All parts will be added manually. Untagged items at a Warehouse site or Tagged items in inventory cannot be automatically converted to parts. There is no current process to upload excel spreadsheets to create parts.
- Minimum Stock, Cost, Quantity searches are dependent on the user clicking away from the box after hitting enter. The user can click anywhere outside of the search box.
- Special Characters are not searchable
- Upcoming features of Parts Management we plan to tackle in 2023:
 - Email notifications for Minimum Stock Alerts
 - Importing Parts in Bulk
 - Editing Parts in Bulk
 - Reporting

2.TIH-821 District Settings: Access API and SSO documentation

The Admin Admin role has access the API secret key and can create SSO documentation to help with the setup of your purchased SSO solution. Support will still help with set up questions, but you now have quick access to technical documentation for your district IDP administrator to begin the process.

- Log in as an Admin Admin on the Admin View to navigate to "District Settings" on your left navigation panel.
- When "Manage District Settings" opens, navigate to "API and SSO Information".

Application Settings						
Inventory Managem	nt Settings					
Notification Settings						
User Role Settings						
Transfer Settings						
Warehouse Transfer Request Settings						
Warehouse Transfe	Request Settings					
API and SSO Inform	ation	2				
API and SSO Inform The API Secret dis distributed to Staff API URL		2				

API

- By clicking "Show" next to the "Secret Key" and "Passphrase" the information needed to authenticate to the Frontline Asset Management REST API will display.
- After the information has been shown, it can be hidden again.

REST API provides you with programmatic access to your data in Frontline Asset Management (formerly TIPWeb-IT). The flexibility and scalability of REST API make it an excellent choice for integrating with your other applications and for performing complex operations on a large scale. However, understanding and using REST API requires basic familiarity with software development, web services, and the Frontline Asset Management user interface.

You can use any tool or development environment that can make REST requests. If you have many records to process, consider using this API which is based on REST principles and optimized for large sets of data.

Access API documentation here: <u>https://apidocs.tipwebhss.com/</u> Read, write, update or delete operations performed using the API on the customers instance are executed on the live, production database and in real-time. Any changes made to the instance and its database will take effect immediately and are irreversible.

Please contact <u>Frontline Customer Support</u> for guidance on the API.

- You can generate SSO documentation to walk you through how to configure SSO for your system based on the IDP and protocol your district uses.
- Once your Domain, Idp and Protocol have been entered, clicking Generate Documentation will navigate you to a webpage with setup instructions specifically for your selections.

API and SSO Information	_								
The API Secret displayed distributed to Staff or St		the Frontline Asset Management Rest API. The data accessed by the API are tags s associated with them.							
API URL									
https://www.tipwebstaging.com/TIPWebAPI/									
Secret Key Passphrase									
T!PWeb!T@pp	This Is Used TIPWe	eb IT Hide							
SSO Documentation									
Use the form below to gen	erate SSO documentatio	n							
Domain *	Idp *	Protocol *							
frontlineed.com	✓ Please Select	Please Select V Generate Documentation							
	ADFS	Required field.							
	Azure								
	— Google Classlink								
	Generic								

To generate your appropriate documentation, you will first need to understand you IDP and what Protocol you have. Below is a table of the supported IDPs and Protocols.

IDP	Protocol	Group Setup/Information
ADFS	SAML	Groups configured can pull over for users through SSO
	 WsFed 	
Azure	 SAML 	If you are using Groups in Azure, the same groups must be set up in your Active Directory (AD)
Google	 SAML 	Google groups are not configured to pull over into Asset Management SSO
Classlink	• SAML	When configuring Classlink, please have your Classlink technical rep prepared to meet with Frontline and your district. They are the only person who can configure and send your groups to Asset Management
Generic	SAML	For RapidID, we will need the meta data to come over

Changing Existing SSO Setup

If you already have SSO configured for your Asset Management Site and you want to <u>change</u> your SSO provider, please make sure to know your IDP and Protocol. Please be sure to follow the steps on the generated document to ensure your IDP configurations are accurate to eliminate troubleshooting time. After you generate your documentation, you should reach out to <u>Frontline Customer Support</u> for guidance on next steps and timing of the transition.

New SSO Setup

If you are a new customer wanting to configure your purchased SSO, speak with your implementation manager after you generate your documentation. Please be sure to follow the steps on the generated document to ensure your IDP configurations are accurate to eliminate troubleshooting time.

We will help you switch over or configure your SSO. The SSO configuration can take one full day for Frontline to configure. **During the setup time no one from the district should log into the system. If someone logs in during the set up or switch it will create a duplicate user**. If a duplicate user is created, we will need to extend the lockout longer to clean up duplicates.

3.TIH-1 Reconciled Tags on Transfers: Notes & print Transfer Ticket

In our 12.4 release, we introduced how to reconcile tags on transfers. When an audit is created and a tag is on the audit and a transfer, reconciliation will remove or complete tags on transfers when tags on the transfer site no longer match the origin site of the transfer.

1. On the audit, during reconciliation, if a tag is on a transfer the transfer will be completed if the destination site matches the audit site and the transfer is in "In Transit" or "Receiving"

2. On the audit, during reconciliation, if a tag is on a transfer the transfer will be removed if the destination site does not match the audit site and the transfer is in "In Transit" or "Receiving"

3. On the audit, during reconciliation, if a tag is on a transfer the transfer will be removed from the transfer when the transfer is in the status of "New", "Submitted" or "Pending Approval".

- To enhance this feature, we have added the ability to track what was removed from a transfer in two spots.
- The first report you can access to view tags that have been removed from a transfer due to an audit reconciliation is under transfer history on the left side navigation.

• Once you have navigated to transfer history, click on the scroll.

Show Compl	eted	Please Select Transfer Report	Refresh		
Fransfer Number	Created Date	Origin Site	Destination Site	Status	Actions
		•	•	-	
49412	03/08/2023	#Pari01	TR_Warehouse	Submitted	J
19411	03/07/2023	Ken Site 5	Ken Site	Complete	J.
19410	03/01/2023	938 Advanced Academic Services	#Pari01	Complete	J
19409	02/27/2023	Pari	000 General	Complete	J
19408	02/17/2023	Ken Site	Ken Site 2	New	J
19407	01/27/2023	000 General	003 New Tech at B.F. Darrell	New	J
19406	01/26/2023	014 Samuell High	Newsite02	Receiving	J
19405	01/25/2023	014 Samuell High	000 General	New	J
19404	01/25/2023	TH01_Warehouse	000 General	In Transit	J
19403	01/25/2023	TH01_Warehouse	000 General	In Transit	5

• The scroll will open the transfer ticket with a Note added of Tags that have been removed from the transfer due to an audit reconciliation.

Transfer Number			Transfer Ticket
	Created By: kirthi	Last Edited By: kirthi	
49406	Date Printed: 03/08/2023		dited On: 01/26/2023
	Date Created: 01/26/2023	Picl	kup Date: 01/26/2023
From:		To:	
014 Samuell High	Contact:	Newsite02	Contact:
8928 Palisade Dr.			
	Phone: 972-892-5100		Phone:
Dallas, TX 75217-2099	Driver: kirthi		Driver: kirthi
Approved By			
Арргочеа Бу			Approved On
kirthi, <i>kirthi</i> Notes			01/26/2023
kirthi, kirthi Notes 01/26/2023 System: 1 tag Tag(s) removed from the ABC01 Tagged Inventory			01/26/2023
kirthi, kirthi Notes 01/26/2023 System: 1 tag Tag(s) removed from the ABC01	transfer are:		01/26/2023
kithi, kirthi Notes 01/26/2023 System: 1 tag Tag(s) removed from the ABC01 Tagged Inventory 1 -Man Sied	ransfer are:	Product 1	01/26/2023
kirthi, kirthi Notes 01/26/2023 System: 1 tag Tag(s) removed from the ABC01 Tagged Inventory	transfer are:		01/26/2023

- There are two other places on the actual transfer that will alert the user that tags have been removed during reconciliation. At the top of the transfer and in transfer notes as highlighted below.
- Viewing the transfer will display a Note added of Tags that have been removed from the transfer due to an audit reconciliation.

Transfer #: 49406 Type: Site to W Status: Receivin Destination: Newsite(2 proved	Scheduled	In Transit	Actions ansfer Ticket Receiving	Completed	Expand a
tag(s) have been collected as Tagged Inventory on Transfer Untagged Inventory on Transfer	<u></u>		In Transit	Receiving		Expand a
Untagged Inventory on Transfer						
						Y
Transfer Notes						~
						^
System 1/26/2023 10:51:38 A	м					
1 tag(s) have been collected as	part of the audit reco	onciliation.				