

Inte-Stock
Inte-Stock Intelligent Cabinet



Vidaner Mechatronics (Shanghai) Co., Ltd.

Intelligence improving industry, MRO management expert!



Vidaner Mechatronics (Shanghai) Co., Ltd.

Industrial vending machines system which were developed by Vidaner can be stocked with all types of material, both large and small. You can manage tools, general MRO products, cutting-inserts, valve fittings, fasteners, work kits, test equipment, gauges, laptops, radios, spare parts by this kind of vending machine system.

Primary service:

Inte-Stock vending machine

By customer MRO data and value stream map analysis, it will get the standard of using list. Smart Vending machine can help customer control MRO material using (Borrowing/Returning, Issue/Reverting, Stock Counting /Re-stocking, Clean-up/Empty)

Non-standard customization

Support Customized request, do the solid R&D and manufacture productions, delivery them and give the good service to customer.

MRO

For the high volume MRO material, our company can do the VMI to low cost for customer. For Minor material, our company do the close service on side, delivery goods on time. For customized request, collect customer on site, finalizes the program 100% match the request.

Milestone

2013 Year >

Company Founded

2017 Year >

CPX drawer & spring developed successfully

2018 Year >

CST Drawer Inte-Stock developed successfully

Research and Development:



Software

Developed Inte-stock software in 2017, it will help customer manage the MRO using to low cost for customer.



Intelligence Patent

Have more than ten Patents and Software Copyrights

Manufacture

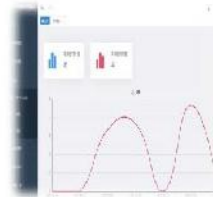
2019: Set up new assembly for Intelligence cabinets for auto/aero industry customer
 2020: Develop bending equipments-new laser cutting NC bending machines. Invest package equipment to improve the delivery quality
 2021~2022: Developed mold and jigs more than 30 sets

Company Strengths:



Manufacture

R&D,
 Assembly,
 Shakedown test.



Software R&D

Soft team has good knowledge in Manufacture field.



Do Customized design

R&D mechanical team,
 R&D team,
 Sales team.



Service

Self Service,
 4 offices cover domestic area,
 24H response.

2020 Year >

Software updated to match customer's requirement. LCK locker developed successfully.

2021 Year >

Software Internet version launched, it can support multi-customers/suppliers to log in and review operation record and stock data remotely. CAB locker and WST shelves Inte-stock developed successfully.

2023 Year >

Portable GST 2-drawer developed Locker with weighting function successfully.

More

Product Portfolio




Inte-Stock Intelligence Cabinet, keep deal process transparent by record all data, lower the total cost.

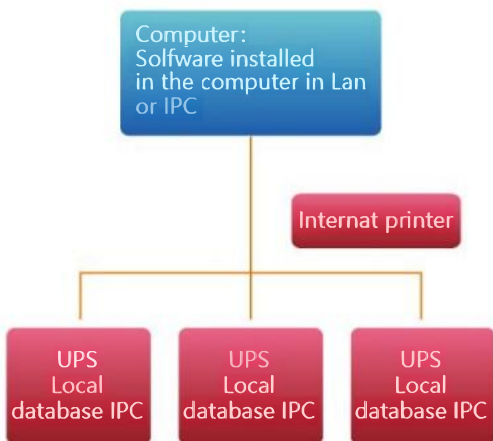
Main Feature:

- Quick and easy-Access Authority, operators can get right goods quickly.
 - Monitor all deal details-Monitor stock, Issue / Reverting, Stock Counting /Re-stocking, Clean-up/Empty details.
 - Saving time and room-Save the stock room, shorten time, eliminate stockouts and dull material.
 - Automatic stock management-Auto order releasing, goods receiving, stock counting, increase the stock turnover rate.
 - 100% storage safety, accurate authority by items, departments, employees enable right person get right goods on time.
- 7*24 transparent stock management, operators can get suitable material, decrease stock keeper workload, save time and cost.
- Quickly locate material position, elimtate black stock.
 - Support new for old business.

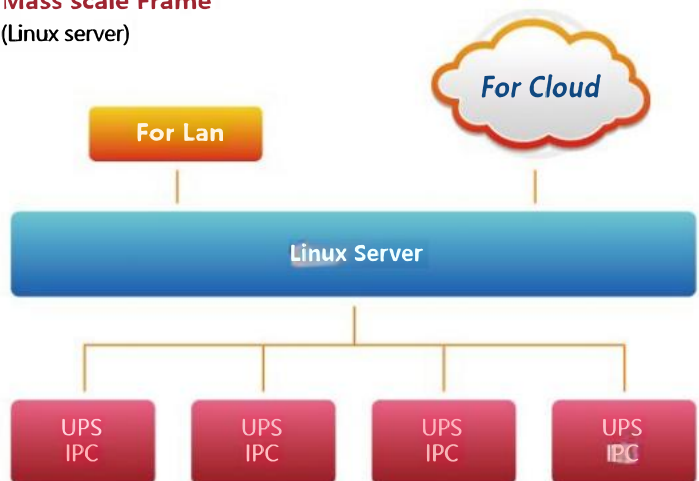
Product Portfolio:

<p>CAB Cabinet Inte- Stock Vending Machine</p> 		<p>WST weighting station with Inte- Stock system</p> 		<p>Helical Spring Inte- Stock Vending Machine</p> 	
<p>CST drawer Inte-Stock Vending Machine</p> 		<p>Locker Inte- Stock Vending Machine</p> 		<p>SXL-AW with weighting sensor with Inte- Stock system</p> 	
P 01	P 05	P 09	P 11	P 12	P 13

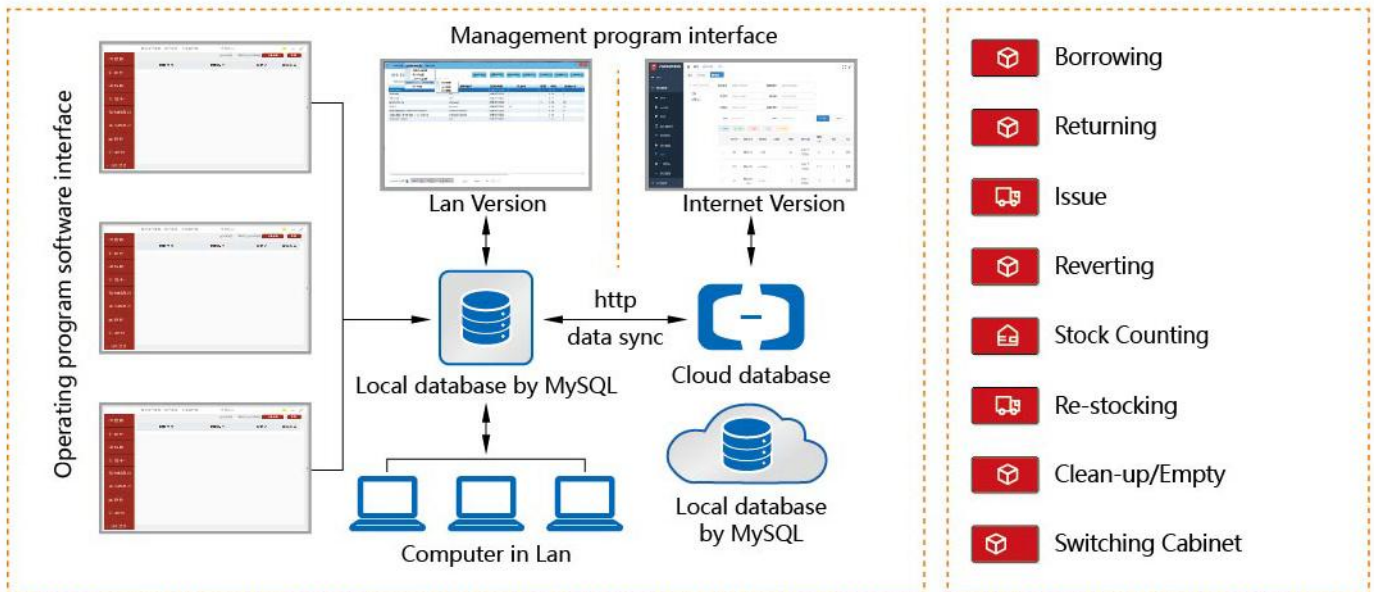
Local version for Small scale Frame



Mass scale Frame (Linux server)



Software frame and Process:



Management software process:

- 1、 Internet or Lan version management support adding /configuration new material.
- 2、 Material allocation to cabinet.
- 3、 Restart the operation program, the system will do the date sync.(Or data sync can be done regularly).
- 4、 Log in.
- 5、 Click "Re-stocking" button.
- 6、 Select material, choose empty cell(new cell will be booked by this material) or available cell (old cell be used by this kind of material and not full)
- 7、 Put in the material, close the locker of cell and gate, system can update the date and confirm the data. (Allow modify the data manually)

Lan version has API to support data exchanging.

Operation program:

Quickly pick up material.
Easy to handle bug.
Authority and cost center management.

Management program:

Server side configuration Multi users, Multi-role management, support VMI modular.
Easy get operation data Regular Customized report
Data exchanged by API.

Internet version has data high data security, flexible for data exchanging.

Operation program:

Real time data sync.
Easy to handle bug.
Quickly modifying configuration, high flexibility.

Management program:

Internet configuration, Multi users, Multi-role management; support VMI modular. Real time data.Regular Customized report.
Data exchanged by API(customized).



Drawer Inte-stock vending machine(CST)



Accurately control mass volume material, good management for tools!

By weighing cell, RFID tech. and pattern recognition tech., the Inte-stock system can monitor the material consumption accurately. It can record borrowing/returning, issue, reverting, stock counting, re-stocking process. Some of them doesn't need re-pack and label twice.

Easy Handle

- Stock counting simple/easy, save time by weighing cell.
- Responsibility-control, accurate counting by weighing cell.
- Cell light in position of the material, quickly search.
- old for new service.

Strengths

- Easy and quick for stock counting by weighing cell.
- old for new service.
- Cell light position the material, authority by Locker.
- flexible configuration by modular design (weighing cell or non- weighing cell).
- Optional solutions: EVA tray or camera pattern recognition and RFID.

Value

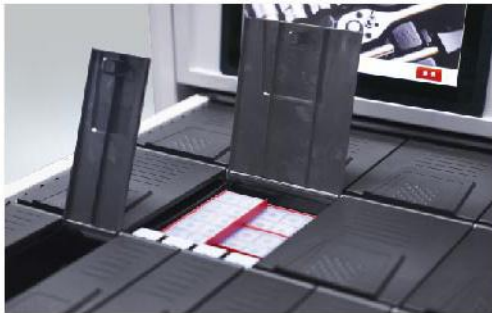
- samll/large volume with small /middle size components management.
- Cost saving.

Application

- Cutting-inserts (box), fittings, adaptors, milling-inserts, boring management.
- Connectors, sensor and spare parts management.
- Bearing, control fitting.

Drawer with weigh Sensor Type:

All drawer with weigh sensor and locker



Drawer without weigh sensor type:

All drawer with locker(inner)



EVA tools storage solution:

EVA tools storage solution



Two types control modes:

1、Scanner:



Scanner



EVA bottom pattern

EVA bottom pattern and scanner on top position, the scanner can work by programm control to monitor material change.

2、RFID solution:



RFID Contactless type identify tools change quickly.

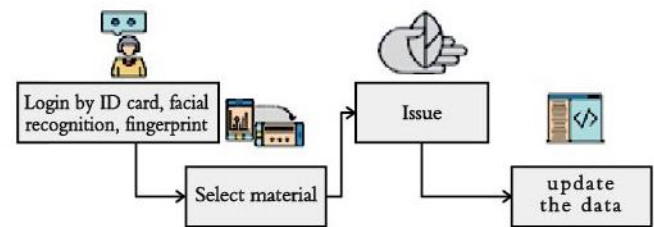


RFID scanner



RFID fixed into tools

Issue Process:



Operation programm (ICP) Interface:



Login Type	ID card, facial recognition, fingerprint
Shopping Cart Mode	Multi-types, mass volume operating (Issue, re-stocking, stock counting)
Authority management	Material list, menu customized
Quickly Issue	Good interface, 3 steps for operator.

Management software:

Reporting	Automatic reporting for issue, re-stocking, stock counting, stock turnover and record review.
Users	User authority for material, role setting for menu and limitations.
Stock	Min level warning, E-mial/short message for re-stocking.

Quick Selections Guide for CST type

Types:

xx : Drawer with weigh Sensor Type

Log in type: User ID number/passport, Staff card, facial recognition and fingerprint.



* Portable (Maximum capacity:160)

Main Cabinet	CST2/3-xx(M)
Dimension	W800×D800×H950/1100mm
Computer	12/15"
Drawer Config	H150×2/3
Attached Cabinet	CST2/3-xx(F)
Dimension	W800×D800×H400/550mm
Drawer Config	H150×2/3

* Standard (Maximum capacity:440)

Main Cabinet	CST7-xx(M)
Dimension	W800×D800×H1700mm
Computer	15"
Drawer Config	H150×7
Attached Cabinet	CST7-xx(F)
Dimension	W800×D800×H1550mm
Drawer Config	H150×7

* Reinforce (Maximum capacity:500)

Main Cabinet	CST8-xx(M)
Dimension	W800×D800×H1850mm
Computer	15"
Drawer Config	H150×8
Attached Cabinet	CST8-xx(F)
Dimension	W800×D800×H1700mm
Drawer Config	H150×8



Inner Locker

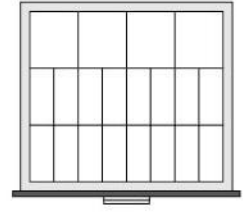
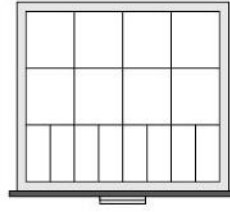
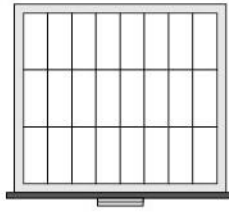
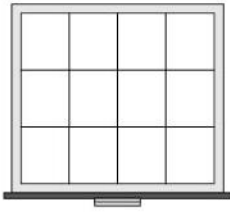
* Reinforce (Maximum capacity:1200)

Main Cabinet	1 unit(CST7/8-xx(M))
Attached Cabinet	N units(CST7/8-xx(M)) (Regular 1 Main+4 Attached)
Disposition	1、 Same type attached cabinet 2、 Different specifications
Comments	Inte-Stock Software system centralized control
Drawer	Drawer with weigh Sensor / without weigh sensor Multiple choices for cell size (P4)

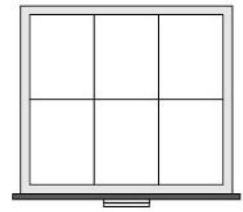
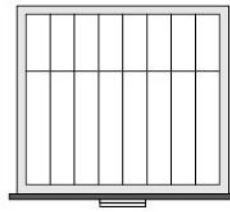
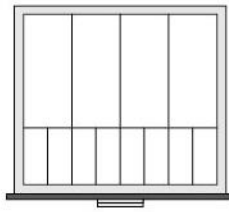
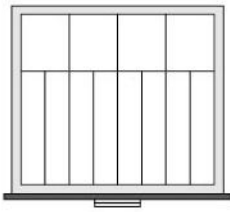
Main Cabinet	CST7/8-xx(M)
Dimension	W800×D800×H1700/1850mm
Computer	15"
Drawer Config	H150×7/8
Attached Cabinet	CST7/8-xx(F)
Dimension	W800×D800×H1550/1700mm
Drawer Config	H150×7/8

Quick Selections Guide for CST type

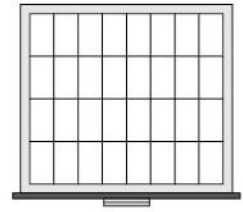
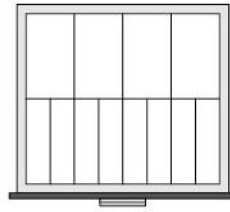
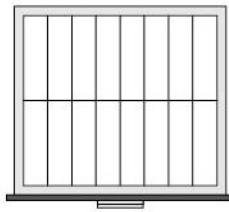
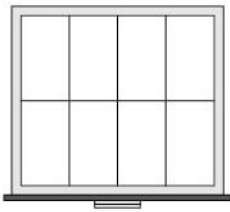
Drawer with weigh Sensor Type details: Non-weigh sensor proposal (Height plus 11mm)



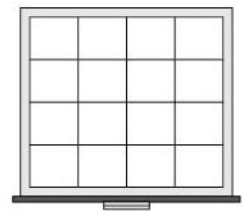
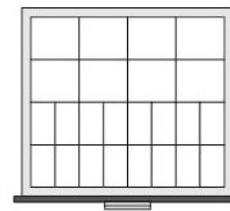
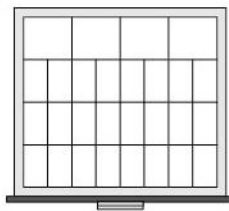
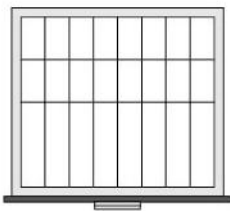
Type	DW34L	DW38L	DW34(8)/38(8)L	DW34(4)/38(16)L
Cell	12cells	24cells	Mix 16cells	Mix 20cells
Dimension	W138×D155×H61.5mm	W66×D155×H61.5mm	W138×D155×H61.5mm	W138×D155×H61.5mm
			W66×D155×H61.5mm	W66×D155×H61.5mm



Type	DW34(4)/28(8)LN	DW24(4)/38(8)LN	DW38(8)/28(8)LN	DW23L
Cell	Mix 12cells	Mix 12cells	Mix 16cells	6cells
Dimension	W138×D155×H61.5mm	W138×D345×H61.5mm	W138×D155×H61.5mm	W185×D265×H63mm
	W66×D345×H61.5mm	W66×D155×H61.5mm	W66×D345×H61.5mm	



Type	DW24L	DW28L	DW24(4)/28(8)L	DW48L
Cell	8cells	16cells	Mix 12cells	32cells
Dimension	W138×D265×H63mm	W66×D265×H63mm	W138×D265×H63mm	W70×D110×H61.5mm
			W66×D265×H63mm	



Type	DW48(16)/28(8)L	DW44(4)/48(24)L	DW44(8)/48(16)L	DW44L
Cell	Mix 24cells	Mix 28cells	Mix 24cells	16cells
Dimension	W66×D110×H61.5mm	W138×D110×H61.5mm	W138×D110×H61.5mm	W138×D110×H61.5mm
	W66×D265×H63mm	W66×D110×H61.5mm	W66×D110×H61.5mm	