

Cloud System and Commercial Configuration

Addendum for TCN-CSC-8C(V49)

Executive Summary

Two new primary artifacts materially reduce uncertainty in the earlier ecosystem analysis: (a) a bilingual user manual for the **Yunshu Vending Machine Management System V2.0** (cloud back office), and (b) a signed **sales contract/quotation** for **TCN-CSC-8C(V49)** that clarifies configuration-specific inclusions/exclusions (notably **4G connectivity** and **payment hardware not included**) plus warranty and legal constraints. [filecite\turn0file0](#) [filecite\turn0file1](#)

From the cloud manual, the vendor cloud system is explicitly named **Yunshu Vending Machine Management System V2.0**, with a public login URL **www.ourvend.com**, multi-language UI (Chinese/English/Vietnamese), QR-code login support, role-based subaccounts, and operational dashboards covering sales analytics, inventory/replenishment suggestions, delivery records for reconciliation, alarms, and non-cash transaction records. Several high-impact capabilities are marked as **VIP (paid)** add-ons, including remote item/slot edits (names/images/prices/capacity), remote device configuration (e.g., drop detection, change-making policies, temperature parameters), branded UI customization, and an advertising workflow that changes the **payment waiting page** advertisement after platform review/approval. [filecite\turn0file0](#)


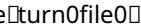
From the sales contract, the seller is [entity\\["company","Changsha Zhonggu Intelligent Equipment Manufacturing Co., Ltd.", "ningxiang, hunan, cn"\]](#), located in [entity\\["city","Changsha","hunan, cn"\]](#), [entity\\["state","Hunan","province, cn"\]](#), [entity\\["country","China","country"\]](#), with pricing expressed as FOB and a stated one-year warranty under proper operation. The contract's BOM-style description confirms MDB/DEX support, a 4G module, and an "online inventory and sales system," but explicitly states the delivered machines can be supplied without a payment system**, leaving the buyer to install local payment hardware. [filecite\turn0file1](#)

Yunshu Cloud System Identification and Access

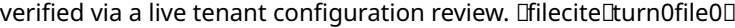
The cloud platform in your bilingual PDF is explicitly titled "**Yunshu Vending Machine Management System V2.0**" and labeled as a **User Manual**. It includes versioning metadata: **V2.0** with an update date of **June 15, 2018**, and it distinguishes **Standard functions + VIP functions**. This date strongly suggests the UI/feature descriptions may be "platform baseline" documentation and may not reflect any post-2018 UI modernization—an important risk to validate during vendor demo/testing. [filecite\turn0file0](#)

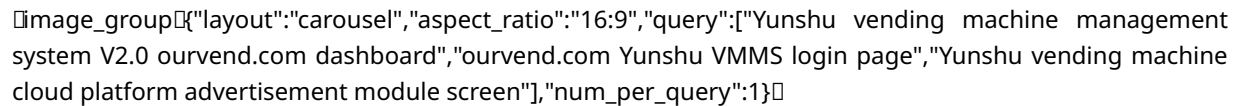
The manual provides a concrete access path:

- **Web login portal: www.ourvend.com** (browser login via username/password; QR-code login also supported). [filecite\turn0file0](#)


- **Language support:** UI language switch at top of page, explicitly listing **Chinese, English, Vietnamese**. 
- **Mobile workflow via WeChat official account:** the manual instructs scanning a QR code to follow a WeChat official account (“Join Yunshu”) and binding cloud credentials to view data in a mobile back office. 

Access and authentication implications


The manual demonstrates **account/password login** and **QR-based login**, plus a WeChat account-binding flow. It does not document MFA, SSO, password policy, session lifetimes, IP allowlisting, or audit requirements (all security-relevant omissions for enterprise deployment). Those controls should be treated as **unspecified** until verified via a live tenant configuration review. 


{"layout":"carousel","aspect_ratio":"16:9","query":["Yunshu vending machine management system V2.0 ourvend.com dashboard","ourvend.com Yunshu VMMS login page","Yunshu vending machine cloud platform advertisement module screen"],"num_per_query":1}

Operational Capabilities and Telemetry Model

The manual describes a “Daily Operation Monitoring (Home Page)” dashboard summarizing fleet KPIs such as **today/yesterday/weekly/monthly sales**, **online/offline counts**, **abnormal machine count**, **out-of-stock machine count**, and charts for **payment-type mix** and an **eight-day sales trend curve**. 

A separate “Status Monitoring” module describes a telemetry model that includes:

- Network status
- Temperature
- Door open/close status
- Drop detection status
- Banknote/coin device status
- Slot/track status
- Traffic usage (“flow”)
- Timestamp of last data upload
- Deployment address
- Assigned administrator(s) 

This is useful for scoping what the machine is expected to report upstream, but **the transport protocol, encryption, and device identity mechanism are not documented** in the manual (unspecified). 

Records, reconciliation, and exports

Several record types are defined with explicit reconciliation intent:

- **Sales details:** query by machine/group and date range; exports to Excel; includes links to transaction turnover, sales summary, card swipes, delivery records, door open/close flow, replenishment records, and receivables. `filecite\turn0file0`
- **Delivery records** (explicitly labeled “Important, used for accounting checking”): query within seven days, filter by payment method and state, and export to Excel. It also stresses that statistics are based on **server time** (machine time vs server upload time can differ significantly after outages). `filecite\turn0file0`
- **Replenishment suggestion:** out-of-stock checks and an exportable replenishment report. `filecite\turn0file0`

Constraint worth noting: multiple query screens specify date ranges **within 7 days**, implying either (a) performance constraints, (b) UI defaults with expandable options not documented, or (c) a product decision. Treat longer retention/query capability as **unspecified** until verified in your tenant. `filecite\turn0file0`

Payments, Settlement, and Refund Workflows

Payment method binding and settlement sensitivity

The back office includes “Setting of Payment Parameters,” described as binding payment methods fleet-wide for a user’s machines, including **WeChat, Alipay, Jingdong, Bestpay, 融E联 (E-banking / Rong E Lian),** and **UnionPay**. The manual adds an explicit warning that this “involves fund settlement” and instructs operators to consult platform customer service before filling in parameters. `filecite\turn0file0`

This supports two important inferences (explicitly marked as inferences): - **Inference:** The cloud platform likely supports multiple acquirers/aggregators or settlement modes, and misconfiguration could misroute settlements.

- **Inference:** Payment integration is not purely “plug-and-play” at the machine level; it is an operator onboarding/configuration process with platform support requirements.

Both inferences derive from the “settlement warning” language, but specific integration contracts and API specs remain **unspecified**. `filecite\turn0file0`

Non-cash turnover records and manual refunds

The “Non-cash Turnover Records” module enumerates supported non-cash streams and allows refund handling when vend fails after successful payment and auto-refund fails. The listed payment streams include **WeChat, Alipay, 云投币/Coinect, ICBC E-banking, Bestpay, ChinaUMS,** and **Ping An E-payment**. `filecite\turn0file0`

Operationally, this is significant because it implies: - The back office tracks **order numbers** per non-cash payment. `filecite\turn0file0`

- There is an operator-facing pathway to issue refunds based on payment order number under certain failure conditions. [filecite\turn0file0]

Unspecified: Whether refunds are “native” API refunds through each payment provider, mediated through Yunshu as aggregator, or executed via a separate ops process; the manual does not provide technical settlement/refund architecture. [filecite\turn0file0]

Published settlement reports

The report module includes a **WeChat Settlement Report** and an **Alipay Settlement Report**, each with eligibility constraints (e.g., WeChat personal-collection users; Alipay manual settlement vs instant arrival accounts). [filecite\turn0file0]

VIP Monetization Model and Advertising Workflow

The manual repeatedly labels certain modules as “VIP Function” and states that VIP functions are **paid features** that can be enabled per module. [filecite\turn0file0]

What appears to be standard vs VIP (paid) in Yunshu V2.0

Capability area	Described behavior	Labeled paid/VIP?	Notes
Fleet dashboards	Sales KPIs; online/offline counts; charts	Not labeled VIP in the described sections	Treat as baseline unless vendor contract says otherwise. [filecite\turn0file0]
Status monitoring	Network/temperature/door/drop sensor/cash module state, traffic usage, last upload	Not labeled VIP in the described section	Strongly implies telemetry exists even without VIP. [filecite\turn0file0]
Track (slot) management	Remote edit of item name/image/price/capacity; clone across machines	Explicitly says remote modifications are a paid feature	The manual says changes sync to machines only when remote function is enabled. [filecite\turn0file0]
Machine advertisement	Upload ad image to payment waiting page after paid enablement and approval	VIP	Ads are tied to “waiting page for payment with mobile code scanning,” not necessarily full-screen takeover. [filecite\turn0file0]
Remote configuration parameters	Remote drop detection, change-making rules, main/aux cabinet temperature, lock-on-abnormality, accepted cash types, etc.	VIP	High operational value; should be costed and tested. [filecite\turn0file0]

Capability area	Described behavior	Labeled paid/VIP?	Notes
White-label UI branding	Custom logo, agent trademark	VIP	Relevant if you intend to resell/white-label. filecite\turn0file0

Advertising workflow specificity

The “Machine Advertisement (VIP Function)” module is unusually concrete: enable ads for a specific machine ID, choose duration, pay, upload an image, then wait for **platform review/approval**; once approved, the payment waiting page image changes. [filecite\turn0file0](#)

Unspecified: supported image formats, file size limits, creative approval SLA, moderation policy, proof-of-play metrics, and whether ads can run outside the payment waiting screen (e.g., idle loop on the 49” display). [filecite\turn0file0](#)

Seller Configuration, Pricing, Warranty, and Legal Constraints from the Contract and Quote Image

Seller identity and how it maps to the ecosystem

Your sales contract identifies the seller as `entity["company","Changsha Zhonggu Intelligent Equipment Manufacturing Co., Ltd.,"ningxiang, hunan, cn"]` and includes a corporate address in `**entity["city","Changsha","hunan, cn"]`, `entity["state","Hunan","province, cn"]`, `entity["country","China","country"]`. [filecite\turn0file1](#)

Why this matters: It provides a legally binding counterparty name for procurement and after-sales support, which may differ from the marketing/manufacturer brand names used on websites and distributor listings. [filecite\turn0file1](#)

Configuration-specific technical clarifications in the contract

The contract line item for **TCN-CSC-8C(V49)** explicitly includes:

- Cooling: “with cooling gas,” “lowest 4°C (adjustable)” (exact refrigerant/standards unspecified). [filecite\turn0file1](#)
- Dispensing types: Spiral / conveyor / pusher. [filecite\turn0file1](#)
- Display: 49-inch touch screen. [filecite\turn0file1](#)
- Sensors/standards: advanced drop sensor; “International MDB\DEX standard.” [filecite\turn0file1](#)
- Glass: “double tempered glass with heating function, no fog.” [filecite\turn0file1](#)
- Trays/slots: “Standard: 6 trays, 8 slots/tray MAX 240.” [filecite\turn0file1](#)
- Connectivity: “With 4G module.” [filecite\turn0file1](#)
- Electrical: 230V/50Hz; plug type specified per order (SAA in the contract). [filecite\turn0file1](#)
- Included software: “Online inventory and sales system.” [filecite\turn0file1](#)
- Payment hardware: “Without payment system, customer will install in local.” [filecite\turn0file1](#)

This directly resolves earlier “unspecified” items for **connectivity (4G)** and procurement practice for payments (**machine can ship without validators/readers installed**). [filecite\turn0file1](#)

Pricing and commercial terms

The contract provides a concrete unit price and FOB costing structure for a specific order, including partial logistics charges and payment terms (e.g., deposit and balance timing). [filecite\turn0file1](#)

Because commercial documents include sensitive details (personal contact info, bank account numbers), only high-level terms are summarized here. The contract also explicitly states **deposit non-refundability** and outlines delivery timelines and storage penalties under delayed pickup/payment conditions. [filecite\turn0file1](#)

Warranty, service window, and restrictions

The contract contains a “Quality Guarantee” section committing to a **one-year warranty** when operated according to the instruction manual, with free spare parts for non-man-made failures during warranty. It also states a phone consultation service window (12 hours/day, 5 days/week, Beijing time) and includes notable exclusions such as damage to vulnerable parts and a clause warning against outdoor exposure that can damage the LCD screen. [filecite\turn0file1](#)

The contract includes IP/protection terms: ownership of intellectual property remains with the seller and the buyer is prohibited from reverse engineering (surveying/mapping with third parties). [filecite\turn0file1](#)

What the quote screenshot adds

The attached image appears to be a quote-table row for TCN-CSC-8C(V49) and shows a configuration with **4G, MDB/DEX, double tempered glass heating (anti-fog)**, and a price consistent with the contract, but it differs in multiple technical parameters (e.g., “**without cooling gas**”, tray/slot geometry **6 trays × 9 slots = max 270**, and an EU plug). Because this is not a signed contract page, treat it as **configuration evidence** rather than definitive specification.

Discrepancies, Integration Impact, and Verification Checklist

Why the documents disagree on dimensions, capacity, and cooling

Across the signed contract and your quote screenshot, at least three attributes vary:

- **Cooling:** “with cooling gas” (contract) vs “without cooling gas” (screenshot).
- **Slot geometry and capacity:** 6×8 (max 240) (contract) vs 6×9 (max 270) (screenshot).
- **Plug standard:** SAA in the contract vs EU in the screenshot.

The Yunshu manual also frames the platform as supporting multiple machine types, including multi-cabinet temperature settings and multiple payment flows, which aligns with the idea that TCN-CSC-8C(V49) can be shipped in materially different configurations. [filecite\turn0file0](#) [filecite\turn0file1](#)

Procurement/integration implication: you should treat “TCN-CSC-8C(V49)” as a **base cabinet + selectable options** package. Your acceptance tests and compliance requirements must be tied to the **final**

configuration sheet for your purchase order (cooling type, slot count, modem type, plug, payment stack).
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Prioritized verification checklist to close remaining gaps

1. **Request a final per-order configuration datasheet** (signed/stamped) that includes: cooling system spec (compressor, refrigerant), exact tray planogram, final outer dimensions, and exact modem (4G CAT and bands). (Unspecified in provided docs.) filecite\turn0file1
2. **Obtain Yunshu tenant access** (or a sandbox) and confirm: retention/query beyond 7 days, export formats, API availability (if any), and VIP module pricing and enablement model per device or per account. filecite\turn0file0
3. **Clarify payment architecture:** whether your deployment will use Yunshu-integrated payments (WeChat/Alipay/UnionPay flows) or local acquirer hardware only (e.g., MDB cashless readers). The contract indicates payment hardware can be excluded; the cloud manual indicates multi-PSP configuration exists. filecite\turn0file0 filecite\turn0file1
4. **Security assessment of the cloud plane:** confirm RBAC settings (roles/subaccounts exist), password policies, audit logs, and whether QR login introduces additional risk. The manual confirms role management and subaccount permissions but does not document MFA or hardening controls. filecite\turn0file0
5. **Legal review:** the contract prohibits reverse engineering and asserts seller IP ownership. If your evaluation plan includes teardown, firmware analysis, or third-party security testing, negotiate explicit allowances in an addendum. filecite\turn0file1

Appendix of Sources and Annotations

Primary internal documents provided by you

- **Yunshu Vending Machine Management System V2.0 – bilingual user manual** (uploaded PDF). Used to identify the cloud platform name, login URL (ourvend.com), module list, VIP paid features, telemetry fields, payment record types, and ad workflow. filecite\turn0file0
 - **Sales Contract No. CZG-WXS-2511-0189-JZ (2025-11-28)** (uploaded PDF). Used to confirm seller legal entity, configuration-specific features (4G, MDB/DEX, anti-fog heated glass), explicit exclusion of payment hardware, warranty terms, service hours, and restrictions on reverse engineering. filecite\turn0file1
 - **Vendor quote screenshot (uploaded image)**. Used as non-contractual evidence of configuration variability (cooling/no cooling, slot geometry, plug standards) and price consistency signals; used cautiously because it is not a signed specification.
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