




CANTEEN MANAGEMENT SOFTWARE

Eliminate Waste. Stop Misuse. Automate Subsidies.



HIGHLIGHTS

-  Multi Mode Authentication
-  Meal Restricting & Time Control
-  Detailed Reporting

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IDENTITY CREATION: Secure ID Card Printing

- **Instant Issuance:** HR prints high-definition employee badges on-site using premium desktop ID card printers.
- **Dual-Tech Badges:** Supports PVC cards embedded with smart RFID chips, magnetic strips, or rugged barcodes.
- **Retransfer Quality:** Over-the-edge crisp printing allows quick visual photo verification by canteen staff.
- **Industrial Durability:** Utilizes secure ribbon overlays built to withstand hot kitchen environments.



2

ACCESS CONTROL: Physical Perimeter Barriers

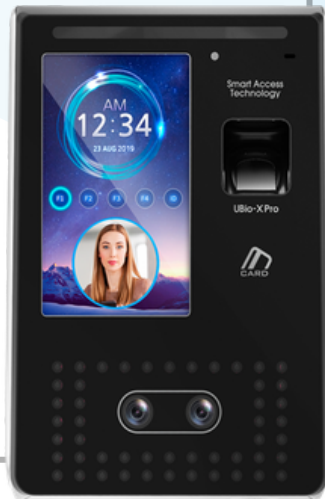
- **Turnstiles & Speed Gates:** Restricts physical entry into the dining area to authorized staff only.
- **Anti-Tailgating Alarms:** Built-in hardware sensors sound immediate alerts if users try to slip through together.
- **Shift-Linked Permissions:** Cross-references active HR duty rosters to block off-duty staff during specific shifts.
- **Directional Access:** Programs barriers to unlock exclusively during designated breakfast, lunch, or dinner windows.



3

VERIFICATION: Contactless RFID & Facial Biometrics

- **0.3-Second Authentication:** Staff tap cards or verify identity instantly via high-speed facial recognition terminals.
- **Hygiene-First Scanning:** Zero-contact biometric devices eliminate physical touchpoints to maintain food safety.
- **Anti-Spoofing Sensors:** Live 3D camera detection blocks fraud attempts using printed photos or phone videos.
- **Multi-Factor Readers:** Supports RFID tags, mobile wallet QR codes, and facial biometric data on a single terminal.



4

ANTI-MISUSE: Total Meal Restriction Control

- **Single-Swipe Enforcement:** Software locks an identity from registering a second time during the same meal session.
- **Meal Access Limits:** Restricts users strictly to their assigned number of daily meals (e.g., 2 meals per day).
- **Time-Slot Restrictions:** Binds meal access to predefined hours, preventing repeated use outside the assigned window.
- **Photo-to-Counter Sync:** Displays the employee's HR database photo on the cashier's monitor the exact second they scan.

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COUNTER SERVICE: Receipt Generation & Wastage Control

- **Automated Print Triggers:** Upon identity verification, the terminal prints a secure meal slip instantly.
- **Token-Based Collection:** Staff present the printed ticket at the service counter to collect their exact food portion.
- **Portion-Control Validation:** The software logs the ticket, locking the account until the next scheduled meal window.
- **Live Menu Depletion:** Automatically updates digital ordering boards the moment a specific dish runs out in the kitchen.