

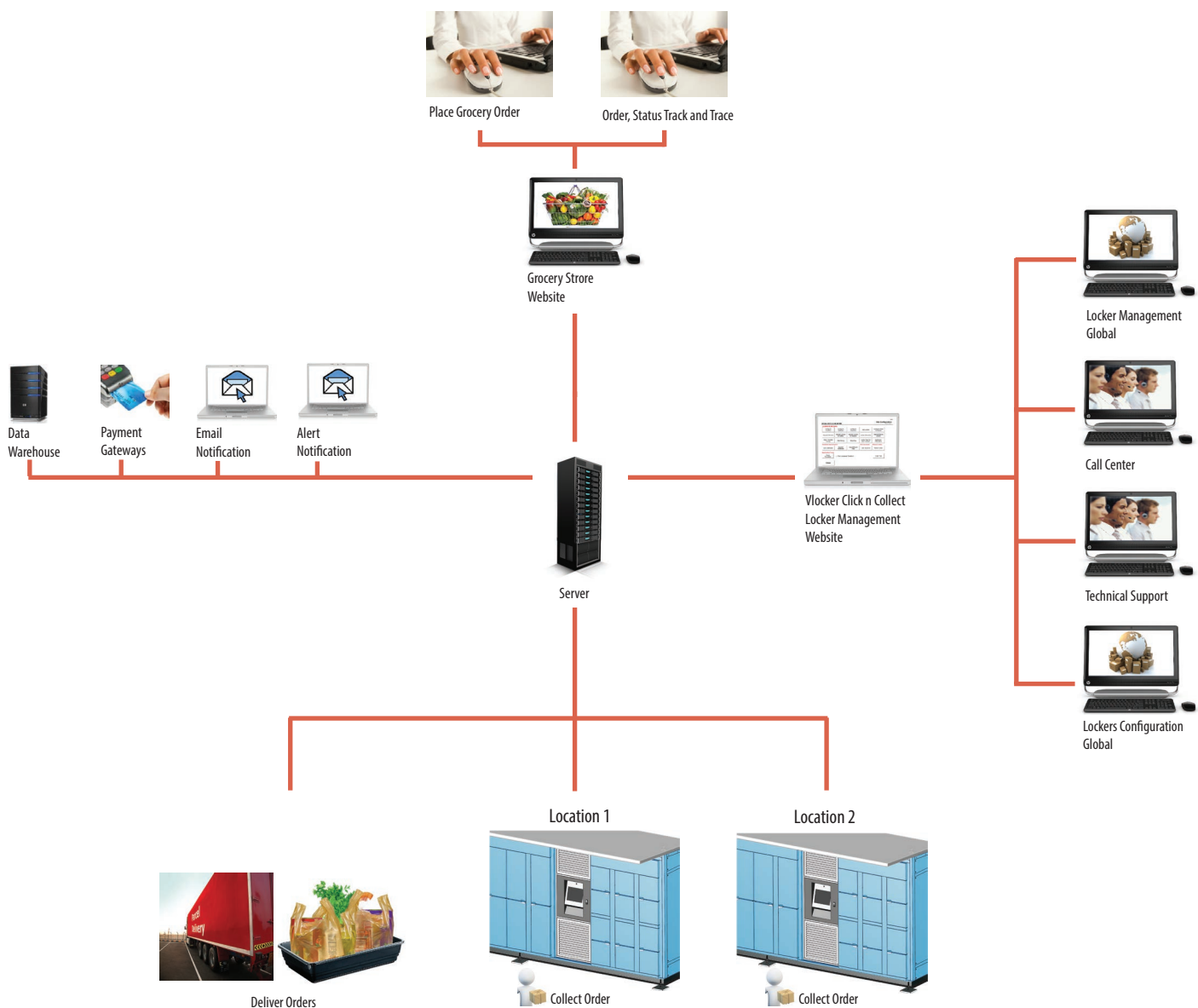
Grocery Distribution Lockers



**Grocery Collection
Convenient and Easy 24/7
Chilled Section
Frozen Section**

**“20 years experience
in electronic locker
design and construction”**

Vlocker Refrigerated Grocery Delivery System Diagram

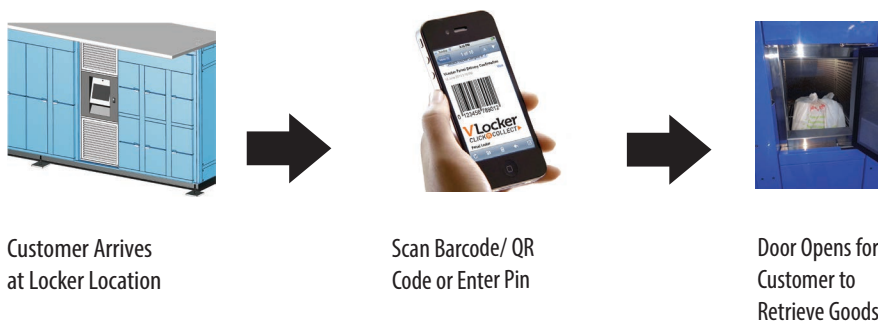


Customer Collection

Customer Purchases from Supermarket Online



Customer Collection



Locker Loading

Driver Delivers Groceries to Lockers

1



Order collected and Dispatched

2



Driver logs in of terminal.

3



Driver selects suitable lockers - mixed of chilled and frozen

4



Driver matches order ID to locker Compartments

5



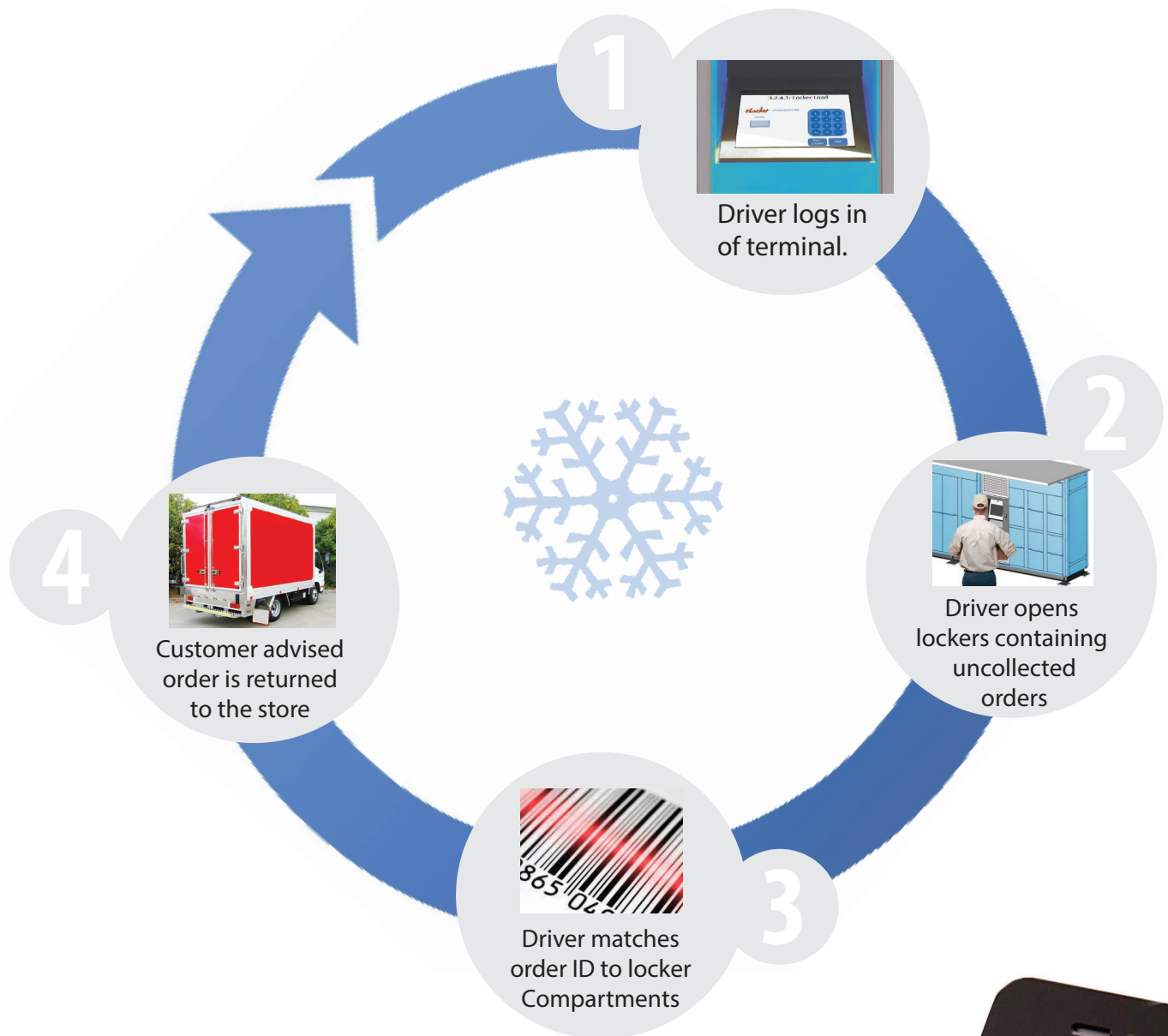
Customer advised order is ready



Customer receives email/text with locker access authentication details

Uncollected Orders

Driver Returns Uncollected Groceries to Store



Customer receives email/text alerting them that the order has been returned



The Vlocker Click n Collect delivery system is available 24/7

Vlocker Click n Collect has 20 years experience in the design and construction of Electronic Lockers. Suitable for indoor and outdoor use our lockers are built to withstand the harshest of enviroments.

System features:

- Interconnected global locker network
- Centralised configuration and maintenance of all deployed locker sites
- Centralised or Local management of locker network
- APIs provided for easy integration
- Software designed for high availability and redundancy
- All software and hardware can be branded to your design
- Country specific payment gateways developed as required
- No payment required at locker terminal - payments made on web site when booking delivery or despatch

Refrigeration System:

- Refrigeration system mounted within access terminal for easy maintenance and servicing
- Remote refrigeration monitoring and control
- Temperature reports and alerts
- Remote system diagnosis prevents unnecessary onsite service calls
- Remote system configuration

Locker features:

- Rugged / Vandal Proof stainless steel construction
- Various size lockers including custom sizes
- UPS
- CCTV
- Chilled, freezer and ambient lockers available
- Insulated polyurethane core
- Optional modules for parcels/ general merchandise and Laundry

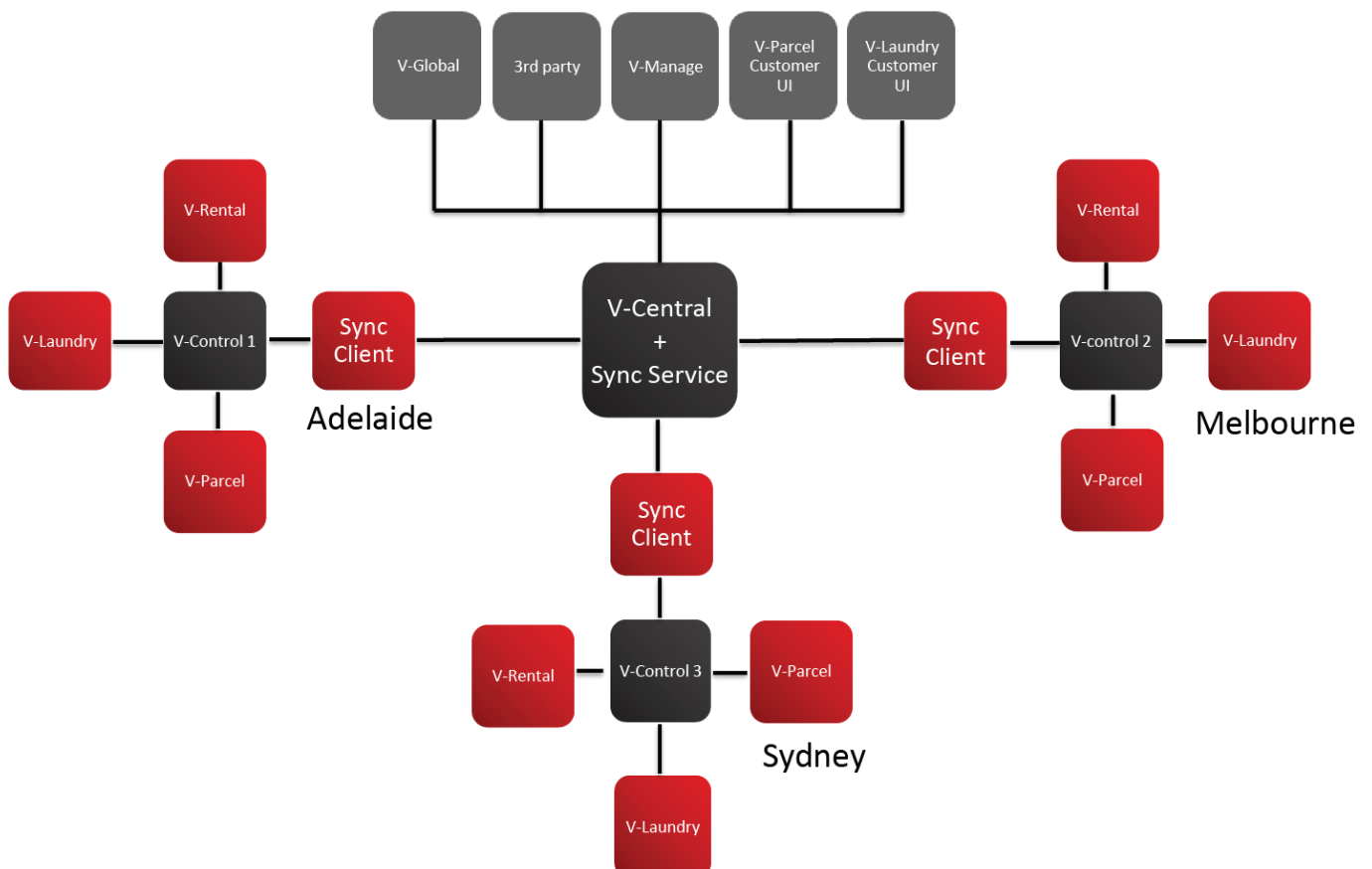
Access terminal features:

- Secure communications with locker network using LAN/3G/4G
- Redundancy allows continued operation if Comms are down
- RFID
- Touch screen
- 1D/2D Barcode Scanner
- Help line using VOIP
- Lighting
- Roof
- Tamper alarm



Technical Information:

Description	Hardware	Software
Centralised Server Hosts V-Global web site Hosts V-Manage web site Hosts V-Central APIs and Web Services Sync Services	VMWare or similar Windows Server Scalable	Windows Server 2012 Microsoft SQL Server 2008 (or newer) Standard or Web Edition Microsoft IIS
Locker Terminals Locker application(s) Hosts V-Control APIs and Web Services Hosts V-Open (communication to locker electronics) Sync Services	Touch Screen industrial grade Windows PC	Windows 7 OS Microsoft SQL Server Express Edition Microsoft IIS Vlocker Application(s) V-Parcel V-Laundry V-Rental Custom
Communication between Terminals and Server	VPN Router (Physical or Virtual) required at Server 3G Internet connection or similar required at each terminal	Via HTTPS or HTTP over VPN link using



Software Modules:

Module Name	Description
V-Central	V-Central is the core part of the vlocker click n collect system. It is the central hub to handle and record all transactions and locker interactions throughout the global vlocker click n collect network. Includes SQL Server database Usually 1 per global locker network
V-Control	V-Control is a back-end application running at each locker location that allows management of individual lockers. It is the entry point for communication with V-Central in order to push/pull transaction and configuration data to/from V-Central. Includes SQL Server database containing a sub-set of V-Central database for specific locker location Usually 1 per locker location Usually installed on Access Terminal computer alongside Grocery Click n Collect application
V-Manage	Web site used to manage and configure global locker network. Used by operations, customer service, I.T and technical support teams.
Grocery Click n Collect	Windows Application running on Access Terminal at locker location allowing grocery pickup.



**“Reducing the cost of
Last Mile Delivery”**

VLocker
CLICK  COLLECT 

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