

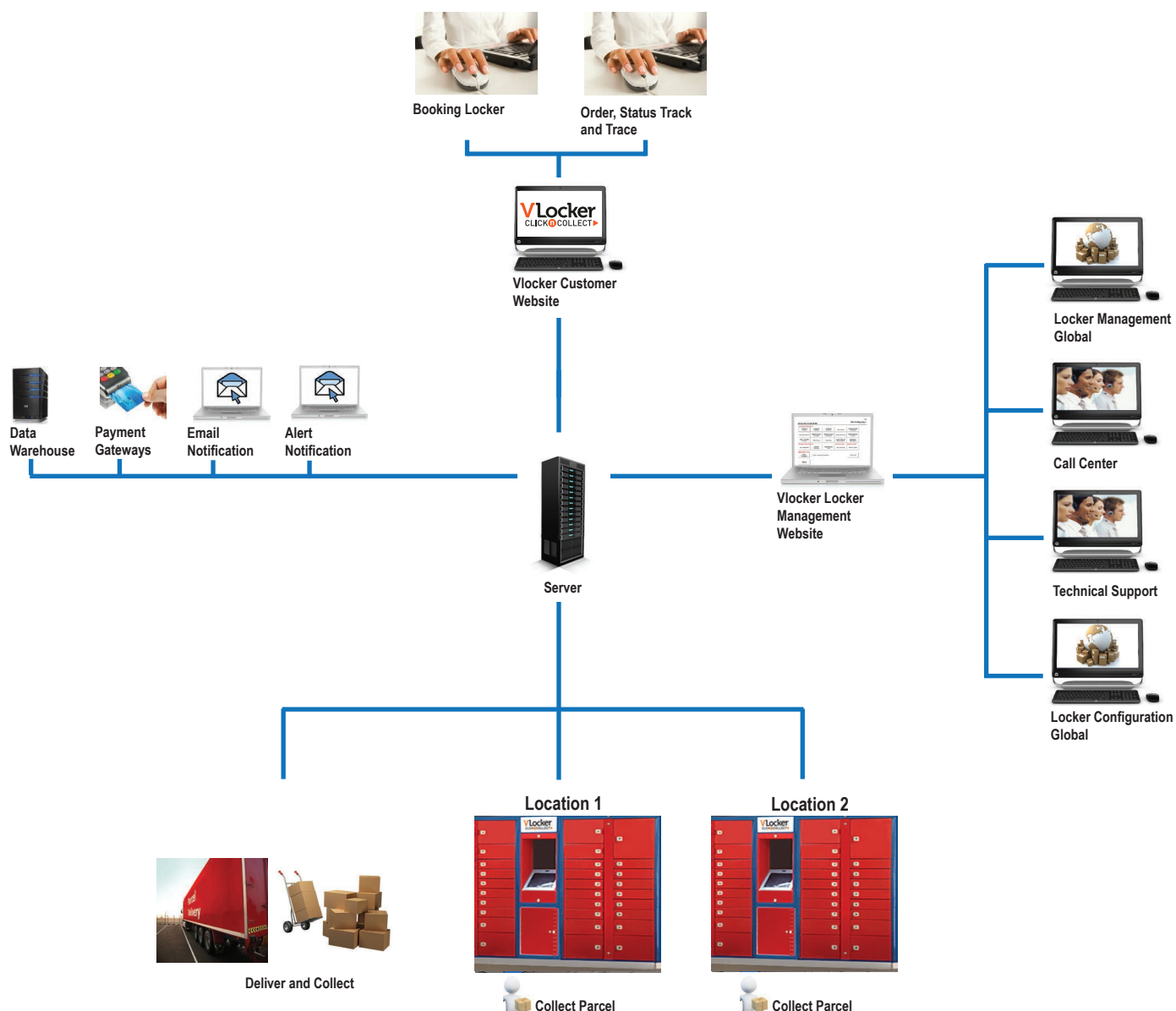
PARCEL Delivery Lockers



- Secure Parcel Collection
- Convenient and Easy 24/7

"20 years experience in electronic locker design and construction"

Vlocker Click n Collect Parcel Delivery Lockers



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

Vlocker 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:

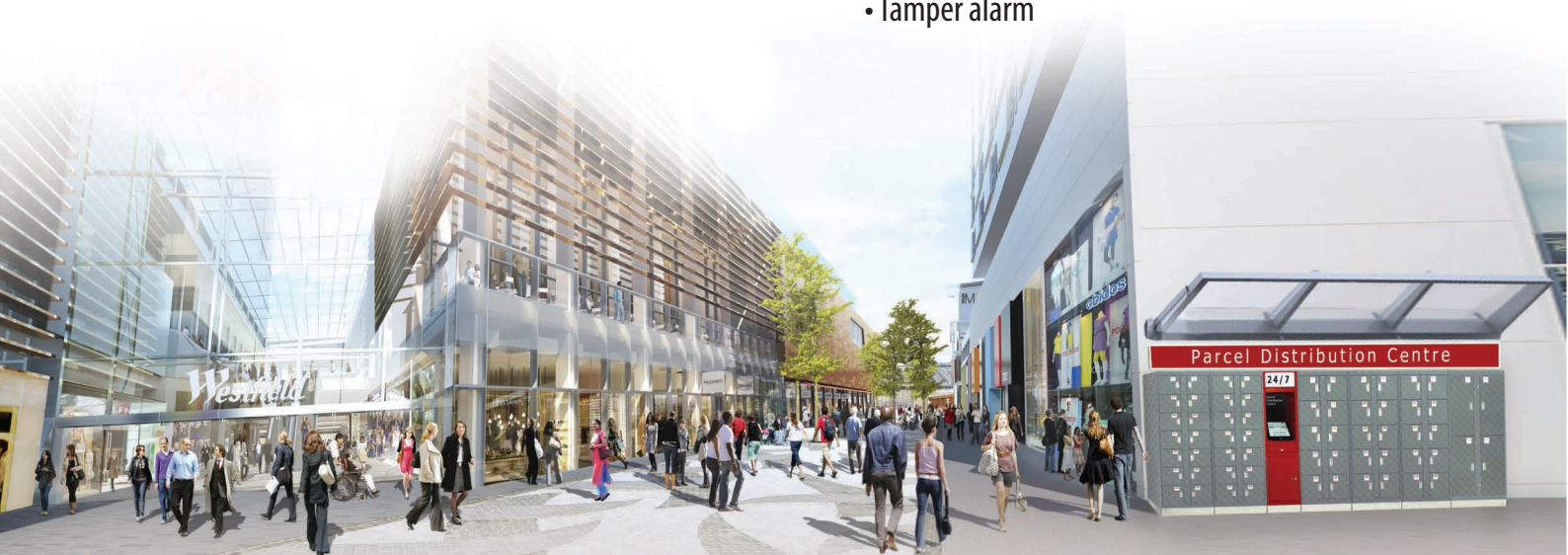
- Interconnected global locker network
- Centralised configuration and maintenance of all deployed locker sites
- Centralised or Local management of locker network
- APIs provided for easy integration
- Software designed for high availability and redundancy
- Includes customer website for registering and paying for locker delivery system
- Includes delivery agent website for managing logistics, run scheduling, locker loading and returns
- All software and hardware can be branded and themed
- Various payment gateways
- Country specific payment gateways developed as required
- No payment required at locker terminal - payment made on web site when registering

Locker features:

- Rugged / Vandal Proof
- Various size lockers including custom sizes
- Refrigerate Lockers available for parcel delivery
- UPS
- CCTV
- Optional module available for refrigerated and frozen grocery delivery
- Optional module available for laundry drop-off and collection

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
- Temperature control
- Tamper alarm



Vlocker Click n Collect Parcel Delivery System Workflow

Customer Purchases Goods Online from Non-Vlocker Integrated Web Site



Customer



Online Purchase
from any Webstore



Choose Locker Delivery
Destination



Parcel Shipped
from Webstore



Parcel
Delivered to Locker



Customer
Receives Access Code

Customer
Collection



Customer
Arrives at
Locker Location



Choose Collection
Option on Locker
Terminal



Scan Barcode / QR
Code or Enter Pin



Door Opens for
Customer to
Retrieve Parcel

Delivery Agent

Incoming



Incoming Parcels
from Various Couriers



Attach Label and
Register Parcel
Arrival



Depot



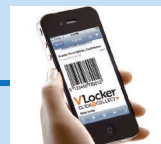
Consolidate for each
Locker Location



Locker Loading



Locker Loading



Customer Receives Email
Containing Pin/Barcode



Customer Receives Email
Containing Pin/Barcode

Returns



Uncollected Report



Retrieve Uncollected



Retrieve Uncollected



Customer Receives
Email Notification with
Payment Details



Customer Receives
Email Notification with
Payment Details



Returned to Depot



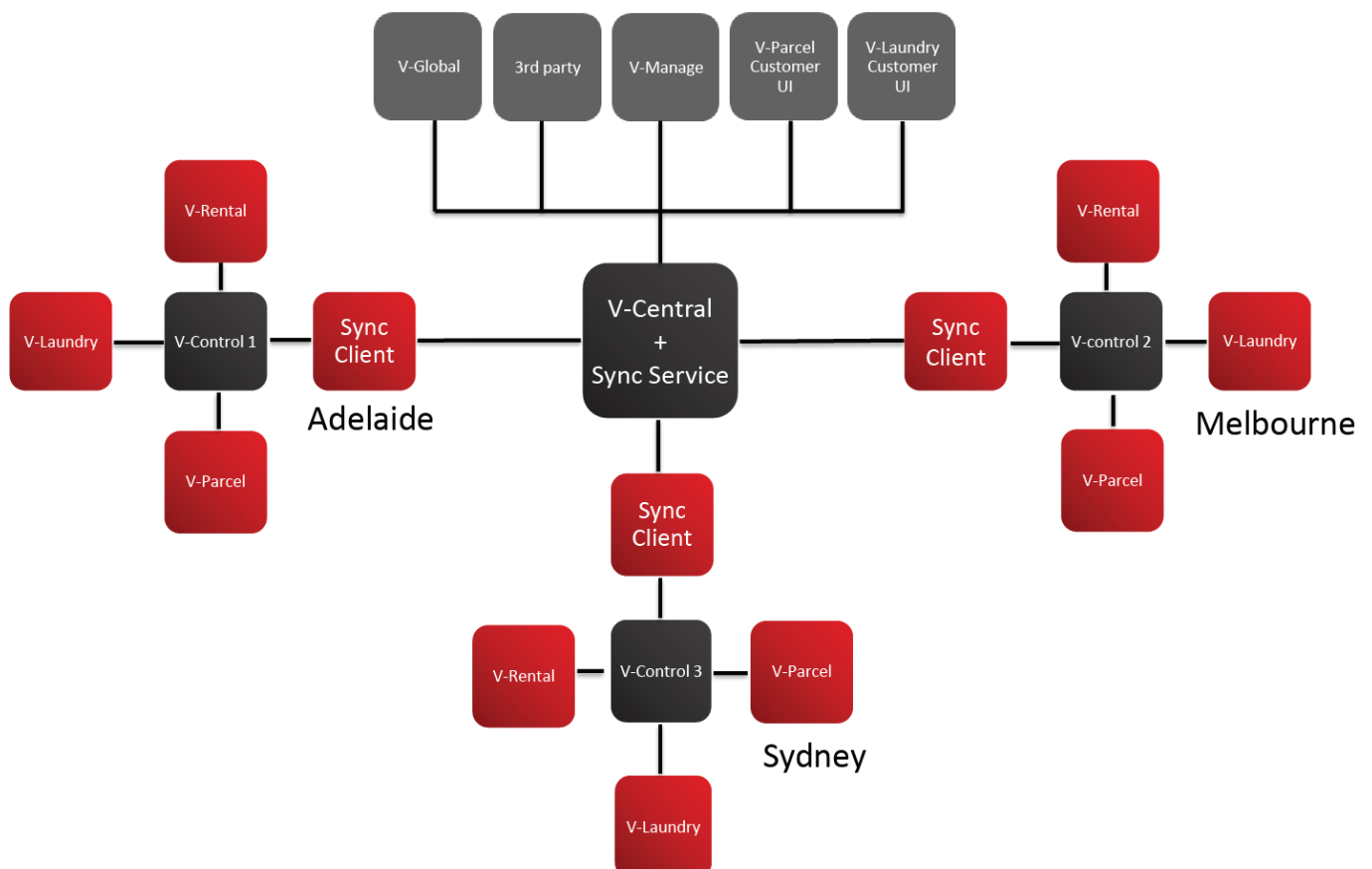
Waiting for Payment
Delivery Reschedule

Technical Information:

Technical Requirements

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

Vlocker Architecture



Software Modules Include:

Module Name	Description
V-Central	V-Central is the core part of the vlocker system. It is the central hub to handle and record all transactions and locker interactions throughout the global vlocker 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 V-Parcel application
V-Manage	Web site used to manage and configure global locker network. Used by operations, customer service, I.T and technical support teams.
V-Deliver	Web site used for Customers and Delivery Agents to book, pay for and manage deliveries and returns.
V-Parcel	Windows Application running on Access Terminal at locker location allowing parcel pickup.



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

VLocker
CLICKnCOLLECT ▶

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