

Products, Software, Services and Solutions to support your business.

"Adding eyes and ears to software"

Products



RFID

Fixed, handheld and OEM readers, portals, antennae, printers and tags.



Mobility

Terminals, tablets, PDAs, wearables and vehicle mounted.



Printers

Industrial, desktop and portable barcode, RFID, POS and ID card printers.



Consumables

Plain, pre-printed, asset and RFID labels. Thermal transfer ribbons. ID tokens.



POS

Touchscreen terminals (fixed, mobile and kiosks). Cash drawers and peripherals.



Scanners

Barcode and RFID; fixed, handheld or wearable. OEM modules.



IoT

Gateways, devices and sensors. BLE, cellular, LoRa, Wi-Fi and wired.



After Sales

User replaceable parts, batteries and accessories.

Key Vendors

ADVANTECH

cardgate

EPSON

HEXICORE

Honeywell

ivanti

Milesight

SENIOR

SOTI

TIMES7

TURCK

UNIQUE MICRO DESIGN
...Engineering IoT Solutions

UROVO

ZEBRA

RFID Tag Vendors

ALIEN

EVERETT DENNISON | RFID

CONFIDEX

HID | RFID

TROI | RFID TAGS

UNIQUE MICRO DESIGN
...Engineering IoT Solutions

XERAFY

ZEBRA

Services

Design

Engineering, electronics design, software development, systems architecture, RFID solutions.

Deployment

Procurements, device pre-configuration, wireless site survey, installation, printing bureau services, tag encoding, manufacturing and assembly.

After Sales Support

Mobile Device Management, support contracts, service contracts, service and repairs, spare parts, accessories.

EPSON

Authorised Epson
Warranty Repair Agent

Honeywell

Authorised Service
Provider for printers

SENIOR

Authorised Service
Centre for POS

Cloud Services

cardgate



A PCI-DSS certified payment service provider that makes it easy for businesses to add electronic payments to their business.

UMD BOS



A micro-e-commerce site to order goods, services and issue vouchers.

UMD CHARIOT



Broker used to integrate intelligent sensor networks and capture data from Edgware devices.

UMD REAP



An inventory and asset management platform enabling retailers to incorporate real-time inventory tracking using RFID technology.

UMD TXP



A digital platform that helps regions and their marketing teams boost their visitor engagement by linking offers or experiences to tickets and events.

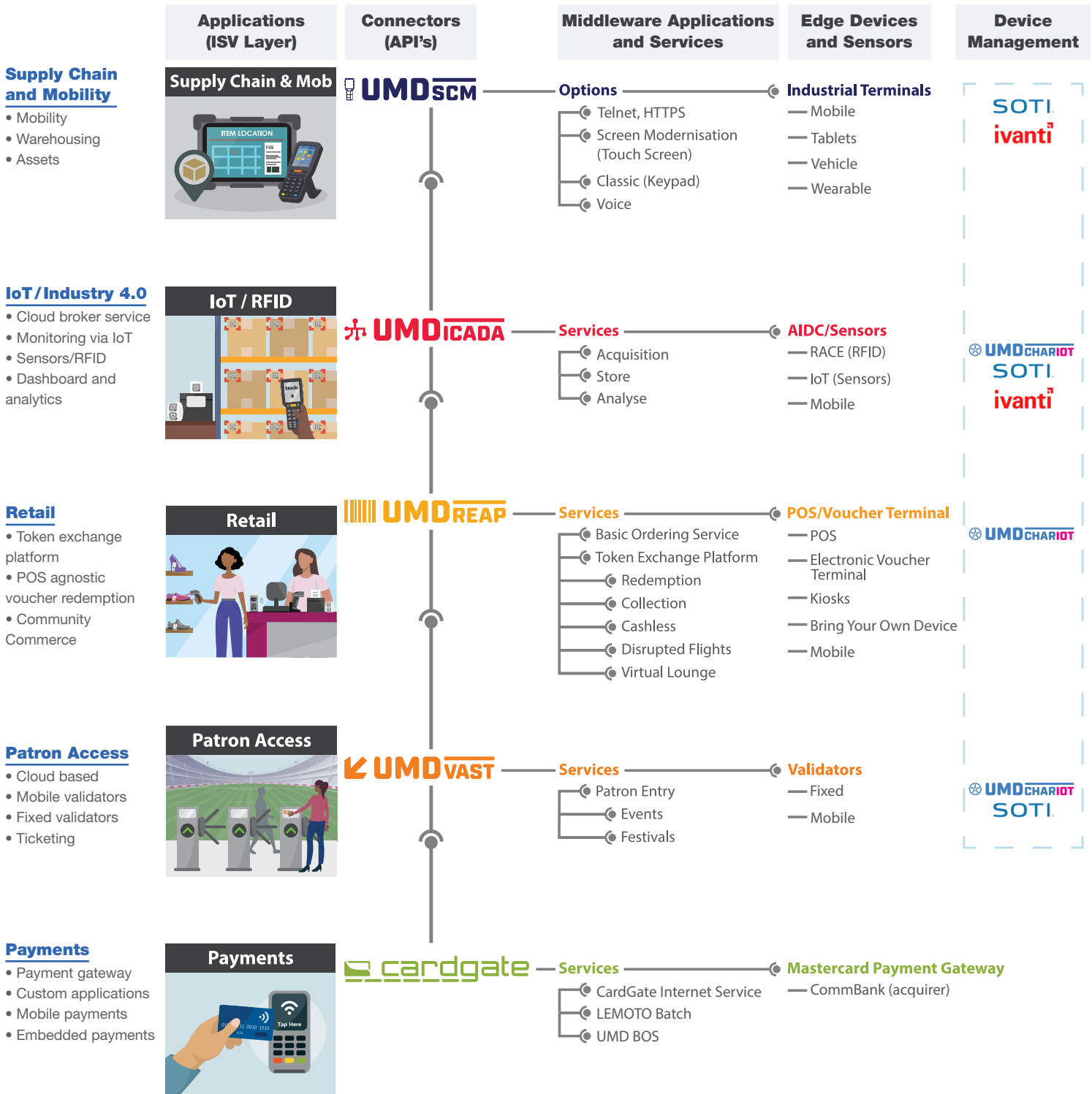
UMD VAST



Patron access and control software: real time access control, reporting, ticket lifecycle management, support for fixed or mobile validators.

Full Stack Managed Edge Solutions

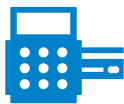
UMD can engineer Edge Solutions which integrate both vertically and horizontally across our key managed service platforms, to meet customer specific needs.



Markets We Service



Supply Chain and Manufacturing



Payments



Events



Agriculture



Retail and POS



Healthcare



Aviation

About UMD

Since 1983, Unique Micro Design (UMD) has been solving customers' needs for productivity improvement by adding real time visibility and control to software using edgware, IoT and our engineering IoT solutions skills, which reflects our ability to:

- Design and manufacture IoT devices and interface electronics
- Source and integrate ICT products from our agencies
- Support through our professional engineering, software and support services

In simple terms UMD “adds eyes and ears to software”.

UMD is passionate about forming long term partnerships with our customers by delivering engineering, software and support services using emerging technologies. Our tailored solutions are for customers looking for a point of difference, by creating innovative technologies to help them succeed.



Founded 1983

By Geoffrey Ramadan
(CEO and Director)
and Harry Ramadan
(CTO and Director)



Clayton, VIC

Part of the Monash
Precinct, Australia's
largest concentration
of ICT industries



Staff

More than half in
technical roles, solving
customer's needs for
productivity improvement



Edgware

Edgware focus
means efficiency,
effectiveness, ease
and empowerment



IoT Solutions

Our engineering IoT
solutions skills enables
us to enhance products
and their operations

