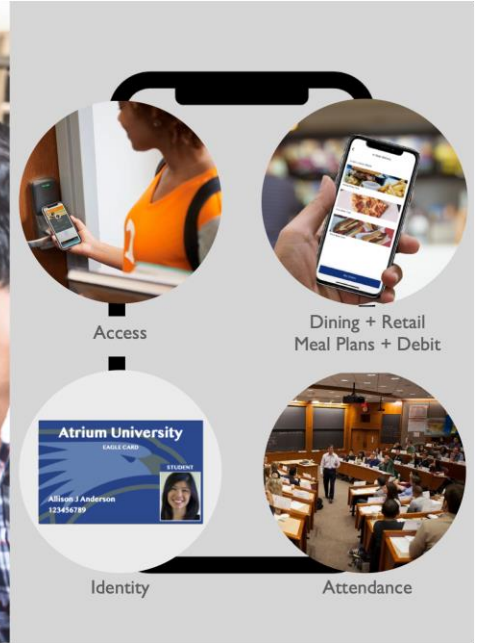


# Campus Card Reimagined for the Mobile Generation



Gen Z demand to use their mobile devices for everything.  
Purchase meal plans. Order food. Make reservations. Access buildings.  
Check into dining halls and events.

You need a campus card system built for the mobile generation.

Native Mobile. Non-Proprietary. Best-of-Breed.  
Easy for Admins. Personal Service. Low cost of ownership.



All the services you expect. Only pay for what you need.



Nine reasons Atrium posted a 90%-win rate over past thirty months.



### MOBILE FIRST

Ready now for all services to be delivered via mobile devices including Mobile Credential.



### NON-PROPRIETARY, BEST-OF-BREED

Frees clients to select best-of-breed card production, point-of-sale, mobile ordering, door access systems, etc. that best meet their requirements for price, performance, support, and innovation.



### LOW COST OF OWNERSHIP

20 - 40% lower cost of ownership compared to legacy proprietary card systems. University of Georgia replaced their legacy card system with Atrium and is saving \$160,000/year.



### EASY FOR ADMINS

Native Cloud solution designed to Apple usability standards dramatically reduces admin burden.



### PROVEN PARTNER

Strategic partner who has proven we will meet clients' needs, share best practices and ideas, and champion clients' vision for growing their program.



### INNOVATION RATE

Unmatched innovation rate ensures clients stay current in fast changing environment.



### PERSONAL CARE

No call centers or tiered service programs with Atrium! AtriumCare provides 24/7/365 personal concierge service to ensure patrons remain delighted.



### CLOUD

Native Cloud design means no servers on premise freeing IT and the card office from the burden of server maintenance, security and updates. Atrium is scalable to meet the needs of any client no matter how small or large.



### UNIQUE CAPABILITIES

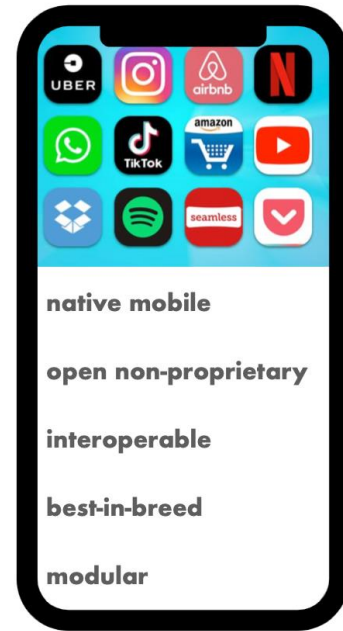
Automated meal plan selection, purchasing, and billing management portal, advanced attendance management, multiple mobile credential providers, ability to own your encryption key and more!

Legacy systems lock you into 'their' proprietary ecosystem.  
 Atrium frees you to use market leading best-of-breed systems.

**Legacy**  
 not built for mobile generation



**Atrium**  
 built for mobile generation



*Works with Atrium Partners*

**Access (hardware)**

Allegion  
 Assa Abloy  
 HID  
 Mercury  
 WaveLynx

**Access (software)**

C<sup>2</sup>CURE  
 Continuum  
 DSX  
 Genetec  
 Honeywell  
 Lenel  
 Persona  
 PremiSys  
 RS2  
 S2  
 Any non-proprietary PACS

**Biometric**

Certify  
 Iris ID (iris recognition)  
 MorphoWave  
 Princeton Identity

**Bookstore**

Barnes & Noble  
 Follett  
 MBS  
 Nebraska Bookstore

**Card Production**

Asure ID  
 Card Exchange  
 DSX  
 Epi Suite  
 Fargo Connect  
 IDenticard  
 IDMS Vision  
 ID Works  
 Lenel  
 RS2  
 Tru Credential  
 Valid WebLink

**Copy/Print**

Equitrac  
 GoPrint  
 ITC  
 Jamex  
 PaperCut  
 Pcounter  
 Pharos  
 Uniflow  
 WEPA

**Credential Provider (Mobile)**

Allegion MIFARE  
 HID SEOS  
 Lenel Blue Diamond  
 WaveLynx MIFARE

**Deposit Kiosks**

ITC  
 Jamex

**ERP/SIS**

Banner  
 Colleague  
 Jenzabar  
 PeopleSoft  
 PowerCampus  
 WorkDay

**Food Service Providers**

Aramark  
 Compass Group  
 Sodexo  
 Metz  
 ...

**Laundry**

ITC Laundry Master  
 Caldwell Gregory WashAlert  
 WashLava  
 CSC Wash Insights

**Loyalty**

DishOut

**Library**

Voyager  
 EnvisionWare

**Mobile Ordering**

Agilysys | Boost | Bite | Café BonApp |  
 DishOut ToGo | Good Uncle | Grubhub  
 | Hangry | Nutrislice | Starship | Sodexo  
 Bite+ | Tacit (Meagan)

**Off Campus**

DishOut  
 Grubhub (Tapingo)  
 PAX (Self Op)

**Ordering Kiosks**

Agilysys  
 Bite  
 Infor

**Parking**

Flowbird  
 ParkMobile  
 T2

**Photo Upload**

Atrium StudentLink  
 CloudCard  
 MyPhoto

**Point of Sale**

Agilysys InfoGenesis  
 Appetize  
 Bypass Mobile  
 Catapult  
 Clover  
 Infor Cloud POS (Vivonet)  
 NCR Aloha  
 Oracle Micros  
 PrismRBS

**Readers**

Apriva Readers  
 Atrium Activities Android App  
 Atrium Web Reader  
 Atrium PAX A920 & S80  
 ITC netZtouch  
 Raspberry Pi  
 Verifone Vx680

**Residence**

Adirondack  
 Odyssey  
 RMS  
 StarRez


**Ticketing**

AudienceView  
 Ticket Master


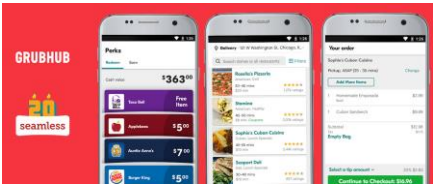
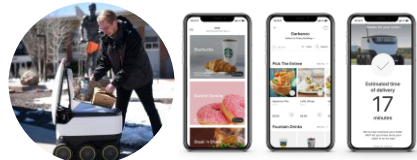










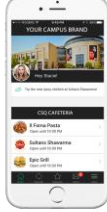




**Vending**


Apriva  
 Canteen  
 Coke  
 ITC  
 Pepsi  
 MEI Crane  
 USATech

Atrium provides contactless and social distancing solutions.




Mobile Ordering & Reservations
























Covid Check-Ins + Attendance Tracking



Atrium Web & Activities Readers




Iris ID




Iris/Thermal


**WALL MOUNT**




**POLE MOUNT**




**LIGHT UP DESK STAND**




**LIGHT UP POLE STAND**



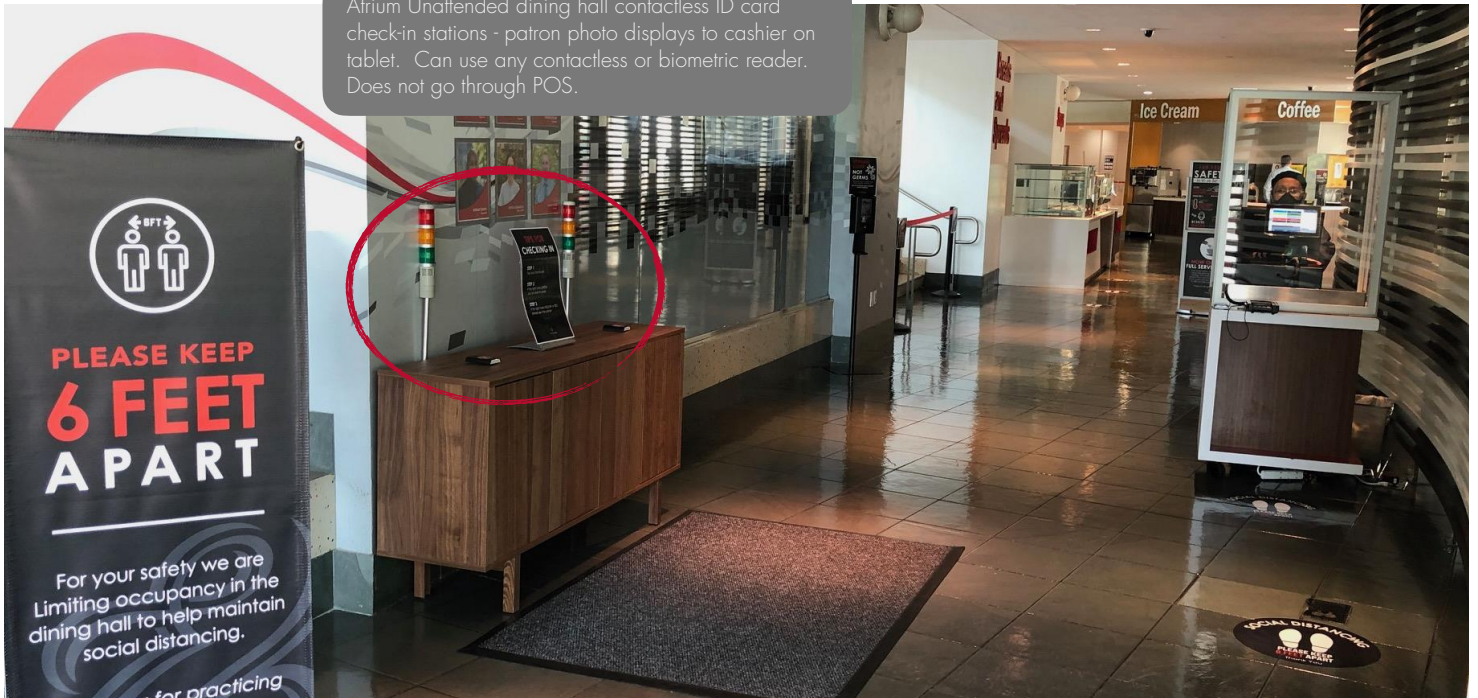
Facial/Iris/Thermal



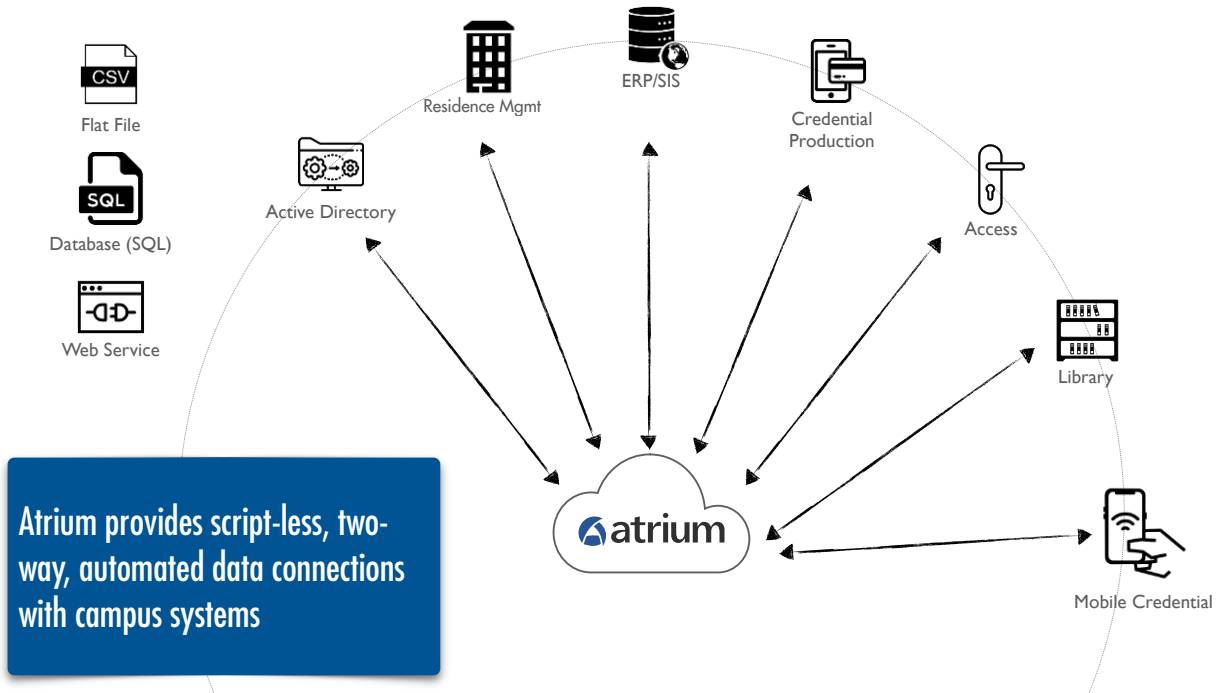


**FeverWarn**  
by MachineSense®

Atrium Unattended dining hall contactless ID card check-in stations - patron photo displays to cashier on tablet. Can use any contactless or biometric reader. Does not go through POS.



Atrium integrates disparate campus systems without custom scripts.



Atrium provides script-less, two-way, automated data connections with campus systems

Data Mapping	<ul style="list-style-type: none"> <li>Point-n-click configuration- no script writing</li> </ul>
Actions (Logic)	<ul style="list-style-type: none"> <li>Schedulable or on-demand</li> </ul>
Rules	<ul style="list-style-type: none"> <li>Person attributes, access rights, photos, transactions</li> </ul>
Notifications	<ul style="list-style-type: none"> <li>General ledger mapping</li> </ul>
Audit Trail	<ul style="list-style-type: none"> <li>Permissions controlled</li> </ul>

AtriumCare. A world without call centers and tiered support contracts.

No call centers or platinum/bronze/silver service levels!  
AtriumCare is concierge level personal service



Single point of contact - person gets to know you and your system during implementation



24/7/365 service - phone, text, email, live chat, support portal with knowledge base and community chat



Atrium has total control over cloud environment



Backed by dedicated team of former card admins



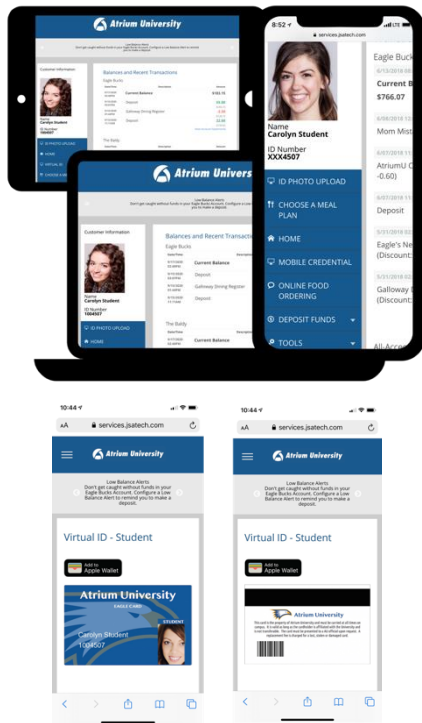
Guaranteed 99.5% uptime subject to financial penalty



Client approved software updates with failsafe rollback



## Atrium Capabilities



### Atrium Mobile

Account management

#### Key Features

- Accessible mobile responsive web and native app
- Credit, debit, ACH, Apple Pay, student account, payroll deduction deposits
- Virtual ID with transactable barcodes
- Custom theming
- Report ID lost/stolen
- Auto deposits and low balance alerts
- FERPA compliant parent/guest access
- Single Sign On
- Accepting Locations
- Reg-E statements

#### Options

- Photo Upload
- Meal Plan Portal
- Mobile Credential
- Mobile Ordering



### Atrium Core

Transaction management

#### Key Features

- 100% Cloud (Amazon Web Services) - single tenant
- Atrium Admin web user interface
- Person Profile with tags, labels & demographics
- Meal Plans
- Credit/debit accounts
- Activity accounts
- Physical access rights
- Credentials - mag stripe, barcode, contactless, biometric, mobile
- Web Reader
- Reports
- Data Tools - script less integrations to campus systems - flat file, direct database, LDAP and web services
- Single Sign On
- AtriumCare 24x7x365 personal support

#### Options

- Best-of-breed Card Production including FARGO Connect
- Best-of-breed Omnichannel Point of Sale
- Best-of-breed Physical Access Control
- Best-of-breed Transaction Connections - Mobile Ordering, Vending, Laundry, Off-Campus, Bookstore, Parking, Deposit Kiosks, Print/Copy, Library, Rec Sports, Ticketing and more
- Atrium Core REST API - integration with client mobile and campus apps
- Atrium Activities advanced attendance management



## Omnichannel Point of Sale

Atrium works with a growing list of best-of-breed POS solutions. Legacy systems lock you into 'their' proprietary POS which is marketed to less than 1% of the total market

### Key Features

Multiple hardware options

Fast casual, grab-and-go retail, all-you-care-to-eat dining halls, table service

Staffed registers

Mobile tablets

Kiosks - unattended pre-order and check-out

Mobile ordering

Kitchen Displays, including Chick-fil-A order flow support

Digital Signage

Kitchen Printers

Barcode Scanners

Contactless/Mobile ID Card Readers

Agilysys

Bypass

clover

NCR SILVER PRO

Prism|rbs  
retail business solutions

Aloha  
by Redpoint

CATAPULT

infor

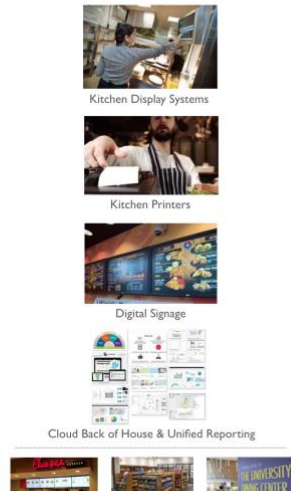
ORACLE  
micros

Appetize

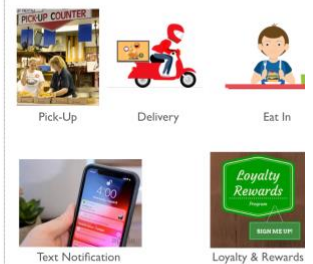
Multiple Order and Pay Channels



Single Hardware Stack & Back Office Multiple Venues



Order Fulfillment, Notification & Rewards





## Mobile Ordering & Reservations

Atrium works with a growing list of best-of-breed mobile ordering and reservations systems. Legacy systems lock you into 'their' proprietary solution or white label other provider's solutions at higher prices.

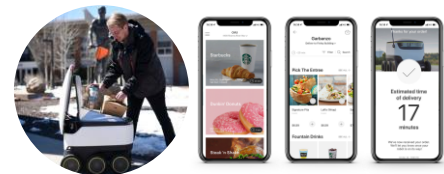
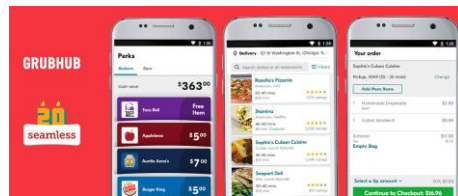
### Key Features

- Native mobile and web app
- Atrium Mobile integration
- Single Sign On
- Custom Theming
- Campus card and credit/debit payment
- Meal plan, debit, meal exchange and meal equivalency
- Order throttling
- Order ready notifications
- Pick-up and delivery

- Reservations
- Multiple venues
- POS integration
- Order tracker display
- Kitchen displays
- Kitchen printers
- Sticky label printers
- Loyalty and rewards
- APEX lockers



DISHOUT TO GO



STARSHIP

Agilysys..



maegan™



bite

chartwells  
where hungry minds gather

boost

CAFÉ  
BONAPP



HANGRY™



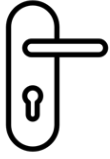
Pizza ATM



sodexo

nutrislice





## Physical Access Control (PACS)

Atrium works with any non-proprietary PACS and associated door locks and readers. Legacy systems lock you into 'their' proprietary solution or white label other provider's solutions at higher prices.

### Physical Access Control Systems (alphabetical - partial list)



### Hardware (alphabetical)



## Key Features

- Integrated, two-way cardholder data flows between card system and PACS
- Rules-based access rights management
- Integrated single person profile view

- Compatible with all non-proprietary ID cards and types
- Mobile credential - multiple options
- Client-owned encryption key(s)

*Atrium can manage access rights AND query access logs for a single UNIFIED view of the cardholder*

**Access**

- Enrolled Student
- General Campus Access
- Smith Hall Resident
- Smith Hall Room 1024 Resident

**Transaction History**

Date/Time	Source	Action	What	Value	Status
2018-01-03 12:31:56	Your access control system(s)	Access	Smith Hall Room 1024 Resident	Smith Hall Room 1024	✓
2018-01-03 11:55:56		Access	Smith Hall Resident	Smith Hall Laundry Room	✓
2018-01-03 11:31:56		Access	Smith Hall Room 1024 Resident	Smith Hall Room 1024	✓
2018-01-03 11:25:56		Access	Smith Hall Resident	Smith Hall Laundry Rooms	✓
2018-01-03 10:52:56		Access	Smith Hall Room 1024 Resident	Smith Hall Room 1024	✓
2018-01-03 10:49:56		Access		Smith Hall Room 2024	✗ Entrance not allowed at this door
2018-01-03 10:45:56		Access	Smith Hall Resident	Smith Hall Laundry Room	✓
2018-01-03 10:38:56		Access	Smith Hall Room 1024 Resident	Smith Hall Room 1024	✓
2018-01-03 10:32:56		Access	Smith Hall Resident	Smith Hall Main Entrance	✓

© 2018 atrium proprietary



## Identity Management / Credential Production

Atrium can serve as the Identity Management solution or connect to an existing system. When used for Identity Management, Atrium works with any non-proprietary credential production system to ensure each client's requirements are addressed.

### Key Features

Atrium Cloud hosted

Single person profile view

Print from Atrium

Compatible with all non-proprietary ID credentials, including mag stripe, barcode, low frequency prox, HID ICLASS, HID SEOS, MIFARE Classic, MIFARE DESFire EV1/EV2, MIFARE DESFire EV2 LEAF, biometric, mobile, and more

Inline and offline encoding

Multiple card designs

Batch printing

Print to queue Support for all major printers and cameras

Photo Upload

Mobile credential - multiple options

Client-owned encryption key(s)

REST API

- magnetic stripe
- barcode
- Mobile NFC & Bluetooth Low Energy
- virtual
- smart chip
- prox
- biometric

Examples of credentials shown: ICLASS Card, MIFARE DESfire EV1, LEAF IDENTITY.

Images showing a person using a biometric scanner and a person using a card reader.

Partners and systems shown:

- Datacard
- ID WORKS
- TRUCREDENTIAL
- VALID
- PS
- ASURE iID
- HID / Persona
- HID@ FARGO@ Connect™
- Centralized, integrated card issuance
- CardExchange SOLUTIONS
- LENEL
- VISION DATABASE SYSTEMS
- EPI Suite
- DSX
- PremiSys

## cloud card production

atrium university

Welcome David Admin | Wed 7:12 AM | Messages (0) | Logout

DASHBOARD | REPORTS | PEOPLE | SYSTEM | HELP

PEOPLE SEARCH

ADD A PERSON

MANAGE IDS

REMOVE PERSON

PRINT CARD

ACCOUNTS

- Currently Enrolled
- JSA Test Dining
- JSA Test Money

Scott R Fleckenstein

EDIT PROFILE

DOWNLOAD

Campus ID: 1001005

Person Status: Active

Affiliate Status: None

Labels +

**Print Card**

Date of Production: 01/12/2013

Date of Card: Select card to print

Date of Last Use: Select printer

Date of Birth: 09/24/1973

Scheduled: None

Phone Number: Cell (234) 567-8901

Enter transaction code:

Next print counter:

Last card printed

There are no cards printed yet.



Print cards from Atrium from anywhere in the world



## Readers

Atrium provides numerous, low cost readers for processing campus card meal, debit and activity transactions.

### Key Features (depends on reader)

4G LTE, Wi-Fi, Ethernet communications

Multiple credentials

Offline mode

Auto swipe mode

Receipt printer

Tip line

Signature line



#### Atrium Web Reader - Atrium Core

HTML5 App

Any browser-based device

Online (Offline - Future)

Mag, Contactless, Biometric



#### Atrium PAX A920/A80

Android App

WiFi, cellular

Online/Offline

Mag, Contactless



#### Atrium Raspberry Pi Reader

Firmware-based

WiFi, hardline

Online/Offline

Mag, Contactless, Biometric



#### ITC netZtouch

Firmware-based

Online/Offline

Mag, Contactless