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Vertical Solutions Working Group

May 12, 2020

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LF Antitrust Policy Notice

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Agenda

Conexxus - <u>https://www.conexxus.org/</u>:

- Initiatives with National Association of Convenience Stores (NACS)
- C-Stores Technology Standards
- C-Stores Use Cases
- Opportunities for EdgeX community to engage



NACS and Conexxus: Convenience Retail Perspective on IoT

Gray Taylor, Executive Director, Conexxus David Ezell, Director of New Initiatives, Conexxus

May 12, 2020



Agenda

- History of Conexxus & what we do
- Advocacy
- Current Standards portfolio
- Creating an API Ecosystem
- Alliance with NACS
- Importance of IoT



Conexxus History		
NACS.	CORRECTIONSFinding of the second data and t	CONEXXUS solve forward
1995 Technology Standards Project	2003 PCATS	2014 Conexxus Rebrand



Conexxus

✓ Not for profit

✓ Neutral forum with Anti-Trust and IP policies

- ✓ 190+ member companies who have an equal say regardless of size
 - Retailers
 - Suppliers
 - Associations
 - State Associations



A Strong Technology Partner...



• We improve profitability



Representing the Industry...

- Conexxus technical advocacy
 - Identifies relevant standards & specifications
 - Engages with broad-industry "regulators"
 - Represents our industry anywhere needed

Security ® Standards Council

- Ensurs fair and competitive landscape











EMVCO

...and Educating the Industry

- Webinars
 (webinars@conexxus.org)
- White Papers
- WeCare Program
- Annual Conference
- Tech Edge @ NACS Show
- Tech Research
- Field Trips





Active Committees

Business Committees

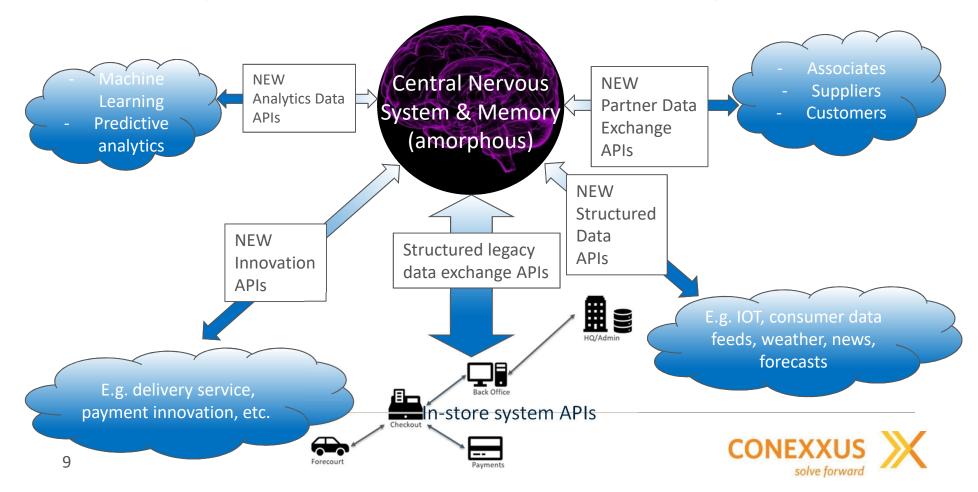
- Retailer Business Requirements
 - API Focus Work Group
- Membership & Marketing
- Technology Research Committee
- Standards Quality Assurance
- Technical Advisory Committee

Technical Committees

- POS/Back Office
- Device Integration
- EB2B
- Retail Financial Transactions
- Data Security



Rewiring the Enterprise = Reducing Tech Debt



Active API Work

- 1. POS/Back Office (NAXML)
 - ✓ Food Service
 - ✓ Cloud POS Calculation APIs
- 2. EB2B
 - ✓ Retail Merchandise
 - ✓ Lottery
 - ✓ Motor Fuels
 - ✓ New opportunities exist here!
- 3. Data Security
 - ✓ Security Advisory WG
- 4. Device Integration
 - ✓ Site Asset
 - ✓ Forecourt Device Controller
 - ✓ Car Wash
 - ✓ IoT
 - ✓ Intelligent Cash Drawer

- 5. Retail Financial Transactions
 - ✓ Mobile
 - ✓ Loyalty
 - ✓ Digital Offers
 - ✓ EPS
 - ✓ P2PE
 - ✓ Payment System Product Codes

OPEN

INITIATIVE

- ✓ EMV Support
- ✓ EMV Fleet
- ✓ Gift Cards



Open Retailing

- ✓ Global Collaboration between Conexxus & IFSF
- ✓ Home for Global Standards
- ✓ Data dictionary Draft 0.1 Seeking industry feedback
- ✓ APIs Guidelines Published Feedback Welcome
 - JSON
 - Transport
 - Security
 - OAS 3.0
- ✓ New standards...
- ✓ Updated versions of XML Standards...
- ✓ Incorporating new technology ...





Alliance with NACS

- NACS represents 153,000 U.S. convenience stores
 - 600,000 global stores
- Powerful partnership with NACS
 - Helping shape public policy
 - Laser focused on industry success





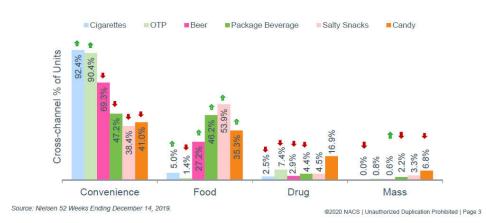


U.S. Convenience Market

- 153,000 stores
- 15% of retail locations
- Over 80% of transportation fuels
- 2.5M employed directly
- 17% of total retail sales (2017)
- Over 160M customers per day

Leading Merchandise Categories

Convenience Sees Share Erosion Four of Six Top Categories NACS





13 Conexxus: Presentation Title

Strategic Headwinds

Annually, DSOE Growth is Basically Equal to Inside GP\$ Growth but the DSOE Trend Line is a Concern

NACS



Jun-19

Jul-19

Aug-19

Sep-19



NACS





Source: NACS CSX Over Time 2018-2019

Feb-19

Mar-19

Apr-19

May-19

\$2,000 \$1,500

\$1,000

\$500

\$0 Jan-19

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Nov-19

Dec-19

Oct-19

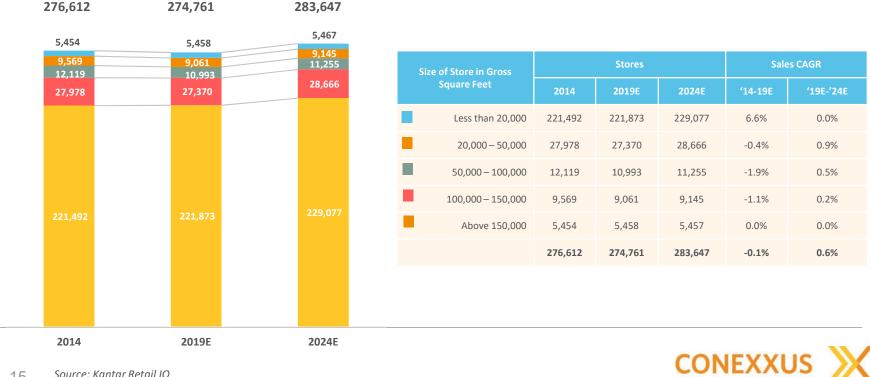
Source: NACS CSX Time Period Difference 2015-2019

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Small Format Retail is Poised for Growth Over the **Next Five Years**

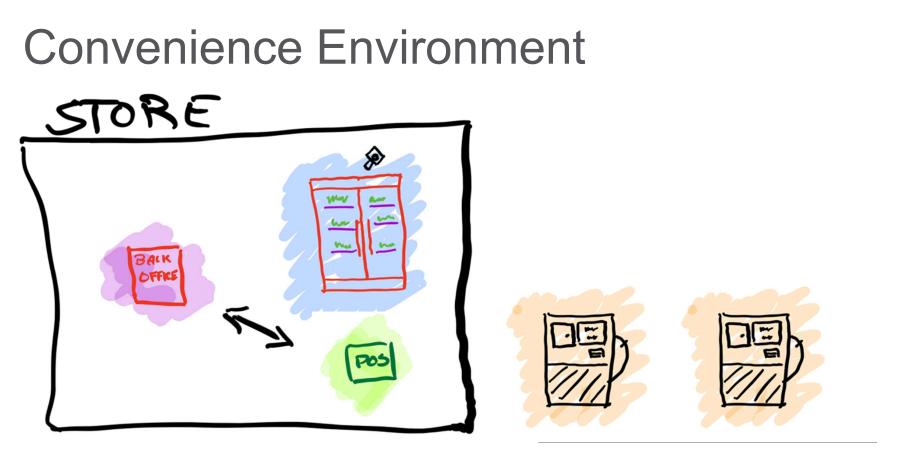


solve forward

15 Source: Kantar Retail IQ

Convenience IoT Use Cases







Target Use Case Categories





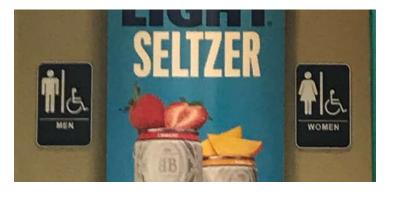
18 Conexxus: Presentation Title

Site Security The old "skimmer install behind the white van" trick, thwarted!



Security (Guest Safety)

The "Dad passes out in the bathroom" scenario.

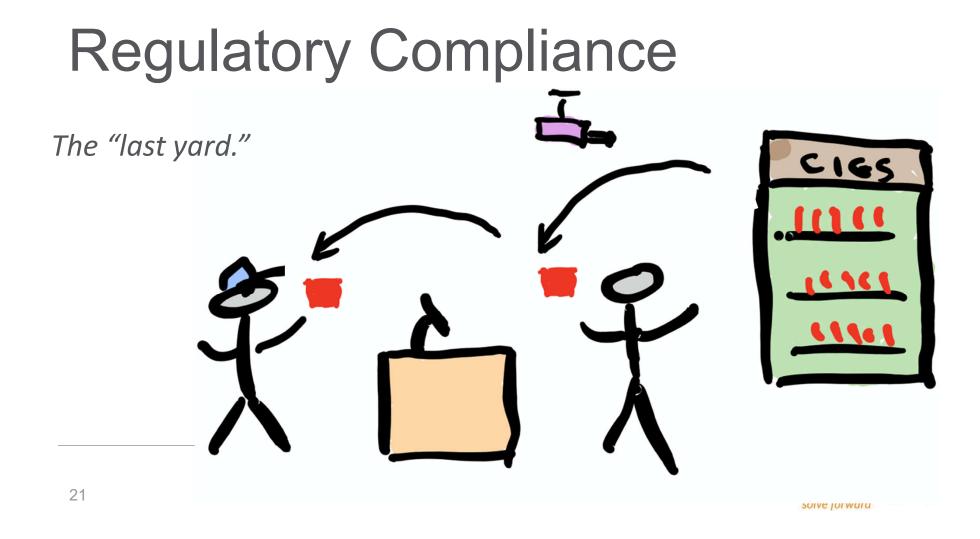












Sponsorship?

How can we get the brands to sponsor some of these use cases?







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Meeting Dial-in

Join Zoom Meeting https://zoom.us/j/132889142 (https://www.google.com/url?g=https%3A%2F%2Fzoom.us%2Fj%2F132889142&sa=D&ust=1552503732 499000&usg=AFQjCNFjmtyftgtp3lCh2uhPNHHlp98TYw) One tap mobile +16699006833,,132889142# US (San Jose) +16465588656,,132889142# US (New York) Dial by your location +1 669 900 6833 US (San Jose) +1 646 558 8656 US (New York) 855 880 1246 US Toll-free 877 369 0926 US Toll-free Meeting ID: 132 889 142 Find your local number: https://zoom.us/u/abscayLpz (https://www.google.com/url?q=https%3A%2F%2Fzoom.us%2Fu%2FabscayLpz&sa=D&ust=155250373 2499000&usg=AFQjCNEMKuQdf-1HfMXI0DBcdyd-YrXj7g)

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