Food quality is a differentiator
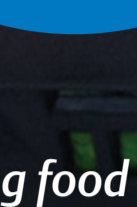
Brand reputations are built on the promise of delivering consistently exceptional food and dining experiences.

- Willing to pay more for **healthier foods**
- Consider food quality, taste and appearance as **key dining criteria**
- Global sales of healthy food products were estimated to reach **$1 trillion** by 2017

Protecting food quality and sustainability

Consumers demand fresh, healthy convenience

As consumer preferences evolve, retailers attempt to meet rising expectations with new format and merchandising strategies.

- Ingredient-savvy, **health-conscious consumers** demand fresh, organic and locally sourced foods
- **61 percent** of millennials purchase prepared food at a convenience store at least once a month
- **67 percent** of grocery stores' perimeter (fresh) categories sales have increased in the last 12 months

Ensuring human comfort and health

Fresh prepared foods in friendly stores attract new customers and profits.
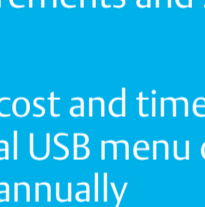
Push fast menu changes across the enterprise

Challenge:
A leader in the convenience store foodservice space was relying on manual methods via USB data stick distribution to push menu changes to its growing network of stores. They needed a way to ensure consistency by automating the menu-updating process.

Solution:
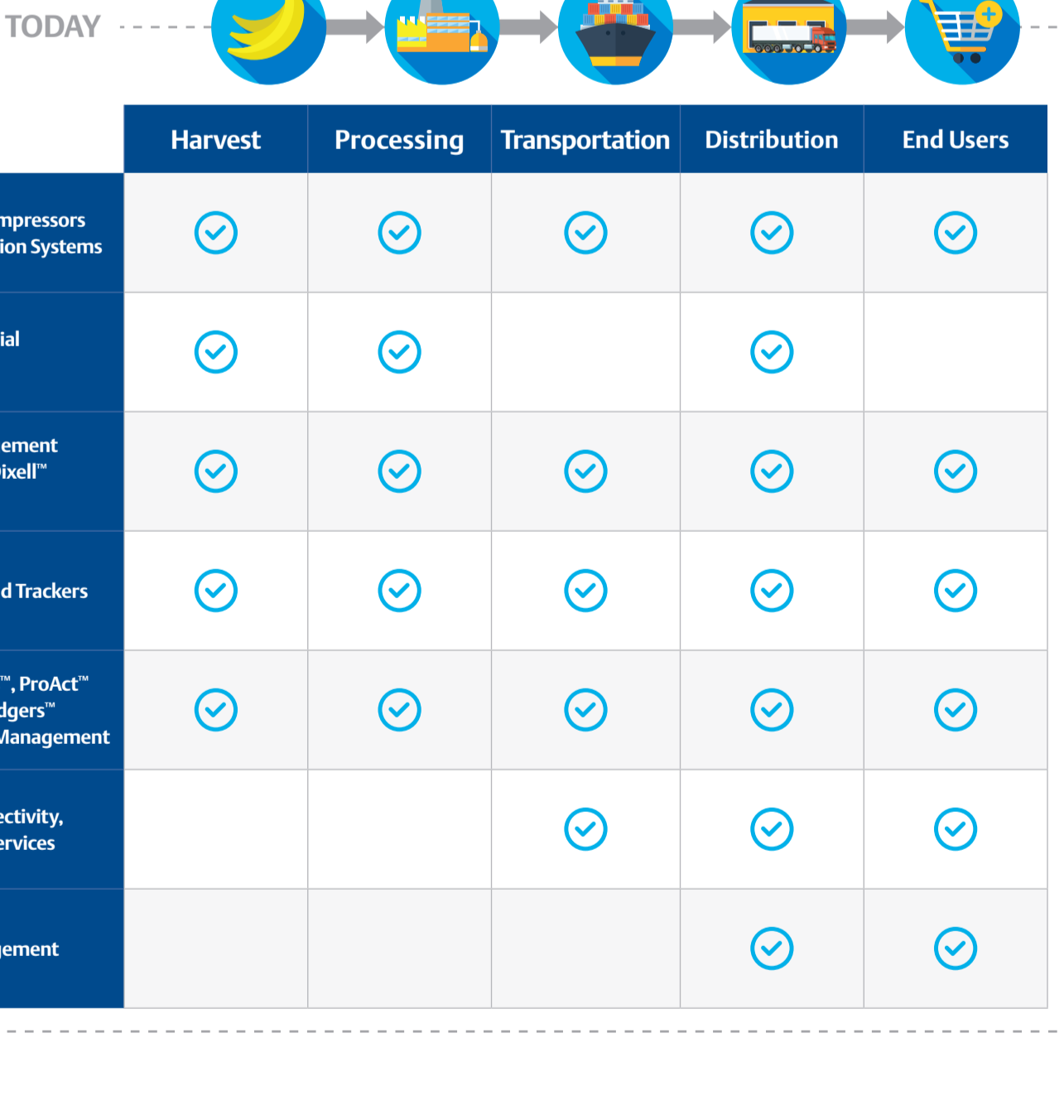Emerson's connected kitchen initiative provided the necessary framework:
- Enables communication to connect to ovens using secure Wi-Fi
- Cooking instructions are pushed to ovens for automated updates
- Verification process confirms successful upload for food safety and quality

Results:
- Automatic upload reduces training/labor requirements and store disruptions
- Eliminates cost and time associated with manual USB menu distributions, up to $1M annually
- Increases revenue, menu flexibility for regional/seasonal variances

Emerson has solutions for critical areas, applications and markets

End-to-end data, services and insights

	Harvest	Processing	Transportation	Distribution	End Users
Copeland™ Compressors and Refrigeration Systems	✓	✓	✓	✓	✓
Vilter™ Industrial Refrigeration	✓	✓		✓	✓
Facility Management Systems and Dixell™ Controls	✓	✓		✓	✓
GO Loggers and Trackers	✓	✓	✓	✓	✓
Cooper-Atkins™, ProAct™ and White-Rodgers™ Temperature Management	✓	✓	✓	✓	✓
ProAct™ Connectivity, Insights and Services				✓	✓
Project Management				✓	✓

FUTURE / TODAY

Additional Emerson Solutions:

Conditions Control, Management and Insights
- Electronics and facility controls
- Oversight services for cargo
- ProAct connectivity and monitoring
- ProAct software, apps and services
- ProAct service center
- Transformative Wave HVAC and RTU management systems
- Cooper-Atkins temperature management systems
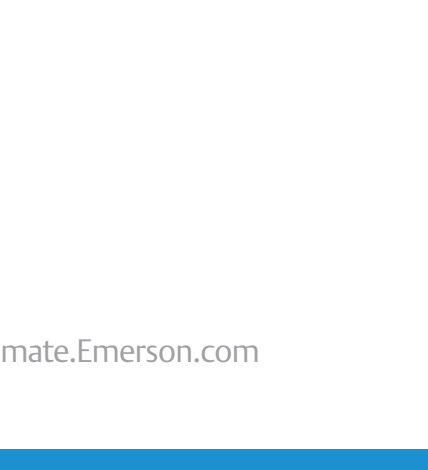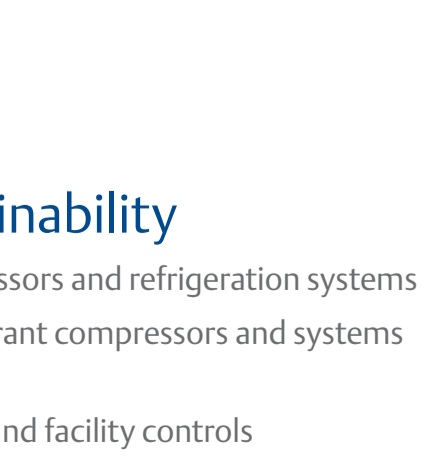- REFCON vessel and terminal monitoring

Food Safety and Quality
- Copeland efficient compressors and refrigeration systems
- Cooper-Atkins temperature monitoring and management
- Dixell parametric, system and facility controls
- Electronics and controls
- Cargo trackers and loggers
- ProAct connectivity and monitoring
- ProAct alarm management and food quality services
- Vilter industrial refrigeration
- REFCON vessel and terminal monitoring

Infrastructure and Maintenance
- Copeland efficient compressors and refrigeration systems
- Dixell parametric, system and facility controls
- Electronics and facility controls
- Project management services
- ProAct connectivity and monitoring
- ProAct Site Manager, apps and PSC services
- Transformative Wave HVAC and RTU management systems for facilities
- Vilter industrial refrigeration

Energy and Sustainability
- Copeland efficient compressors and refrigeration systems
- Copeland alternate refrigerant compressors and systems and refrigeration systems
- Dixell parametric, system and facility controls
- Electronics and controls
- Commissioning services
- ProAct connectivity and monitoring
- ProAct reporting, services and insights
- Transformative Wave HVAC and RTU management systems

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