Restaurant

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**
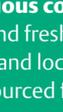- Consider food quality, taste and appearance as **key dining criteria**
- Global sales of healthy food products were estimated to reach **$1 trillion** by 2017
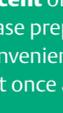
Protecting food quality and sustainability
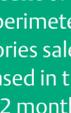
Consumers demand fresh, healthy convenience

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

Restaurant – Green Sage Café

Food quality, service speed and consistent experiences keep customers coming back frequently.

Restaurant serves up
vision for green refrigeration

Challenge:

For their newest location, the owners of Green Sage Café sought an alternative to conventional restaurant refrigeration strategies — one that saved energy and better aligned with their sustainability goals.

Solution:

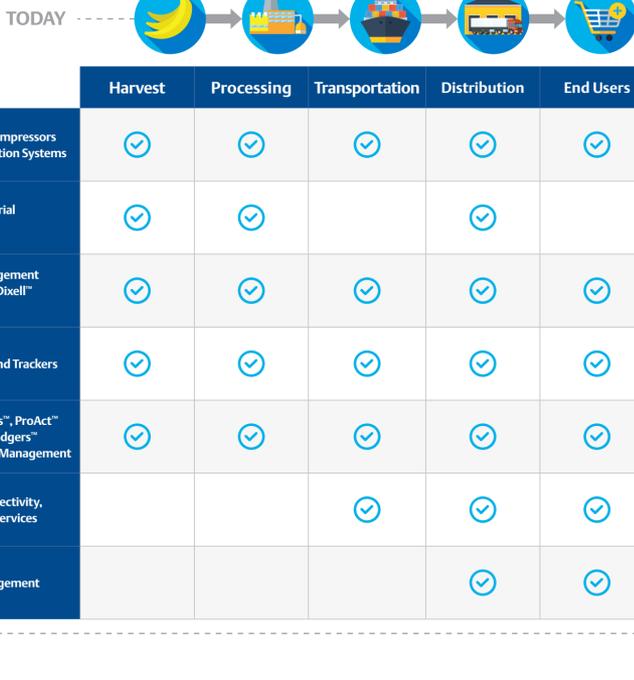OEM partner RDT proposed a multiplex refrigeration strategy:
- Based on one Copeland Scroll Digital™ compressor
- Digital modulation capacity from 10 to 100 percent
- Condensing unit located outside the restaurant

Results:
- One compressor for eight refrigeration fixtures with load matching
- Reclaimed heat for restaurant hot water
- Up to 48 percent energy reduction
- Green Restaurant Association certified

Emerson has solutions for critical areas, applications and markets

End-to-end data, services and insights

FUTURE
TODAY

	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				✓	✓

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
- ProAct software, apps and services for facilities
- Transformative Wave HVAC and RTU management systems
- 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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