

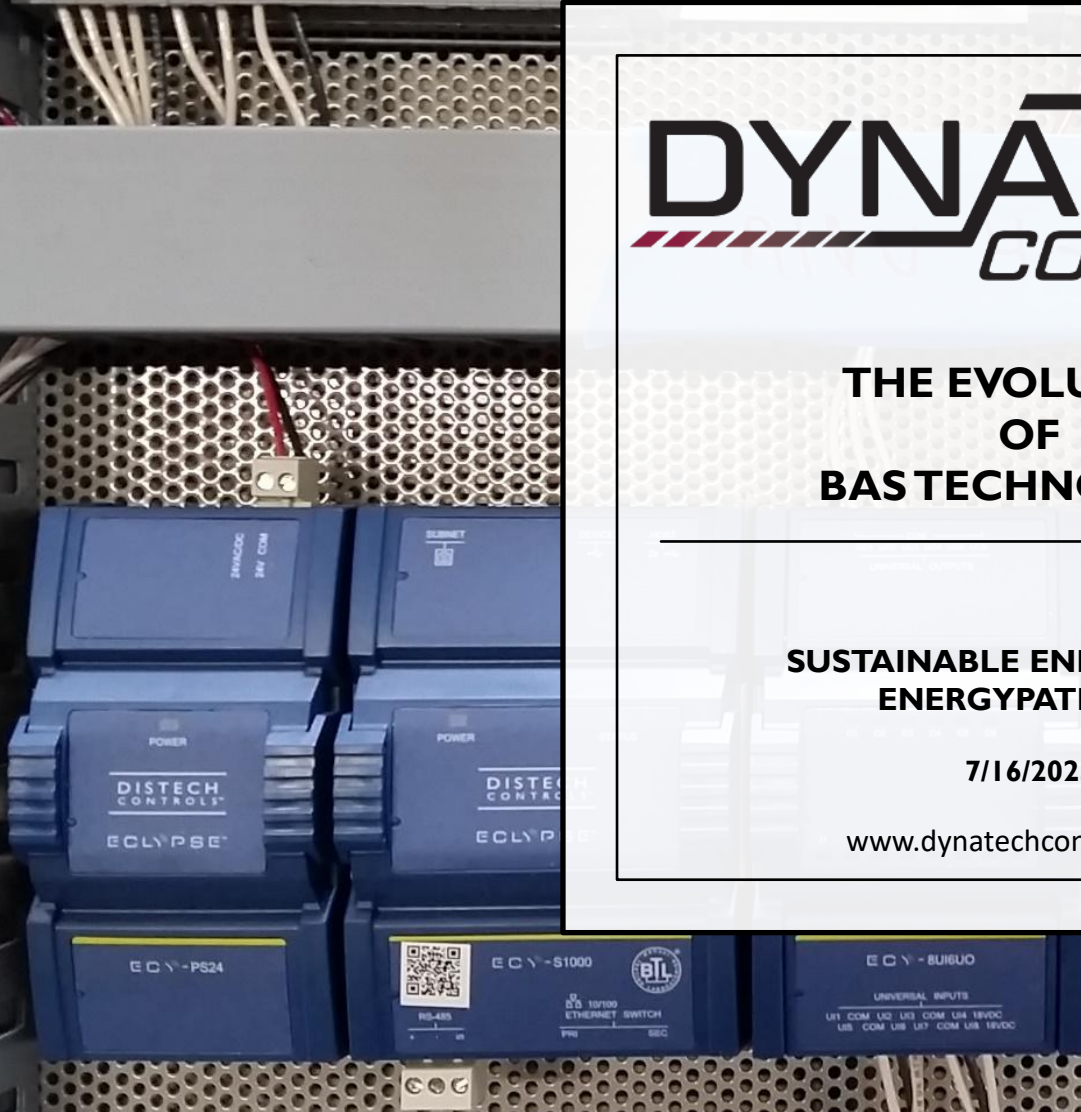


THE EVOLUTION OF BASTECHNOLOGY

SUSTAINABLE ENERGY FUND
ENERGYPATH 2025

7/16/2025

www.dynatechcontrols.com



BAS HISTORY

80's

- Proprietary systems – Factory Owned Offices are only game in town, no other options for expansion or service

90's

- Development of “Open” communication protocol (Sort of)
- LonTalk and BACnet become ANSI standards

2000's

- Focus on operator interfaces & multi-protocol integration
- Niagara Web-based open framework developed

FUTURE

- IP Based Controls – traditional wiring replaced by T586/CAT-5/6/7
- Holistic Approach with Division 25
- Artificial Intelligence in Devices and Software

NOT JUST FOR HVAC ANY MORE

- Alternative Energy Systems
- IEQ Compliance
- DHW Tempering Valves
- Vending Machines
- Access Management Controllers
- Card Readers
- Cameras
- Weather Data
- Utility Meters
- UPS
- Shade Control
- Generators/Transfer Switches
- HVLS Fans
- Elevators
- Gas Detection Systems
- Lighting
- Factory Mounted Controllers on Chillers/Boilers/AHUs
- Integration to CMMS and other Facilities Software
- Demand Response

Basically, anything with a Network Connection!



USING THE BAS AS A FACILITY MANAGEMENT TOOL

- Fault Detection and Diagnostics Software (Analytics)
- Energy Information Software
- Automatic System Optimization Software
- Environmental Compliance
- Integration to CMMS
- Asset Tracking
- Wayfinding
- Monitor All Facility Subsystems From A Single Interface
- Report generation for Capital Planning, Budgeting



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