

Building Automation & HVAC Systems

Philadelphia Area Health Systems

For over 30 years, CM3 has maintained a trusted, collaborative relationship with three leading Philadelphia-area hospitals—installing, commissioning, and servicing building automation systems that have supported their growth and evolution across decades of change.

Background: A 35-Year Relationship

From its early days, CM3 – first as an Invensys branch office and later as CM3—was the building automation provider for these keystone area hospitals with the first building automation projects implemented in the mid 1980s. Over the years, the building automation systems deployed have included pneumatics (in the late 1980's), analog, digital, and finally to today's DDC (direct digital controls).

Originally a Barber-Coleman facility, the hospitals worked with CM3 to transition to Tridium systems, which offered a web-based, open-architecture platform.

From then until present day, CM3 has managed the hospital's expansions, renovations, and transitions of building automation systems across the various departments and areas of the hospital.

Over the years, CM3 has worked with both independent architects and engineering firms and with the hospital's facilities and engineering teams to install, commission and service the building automation systems for new construction, renovations and ongoing operations.

Area of Expertise

- Animal Laboratories
- Chiller/Boiler Plants
- Clean Rooms
- Geriatric Facilities
- Interventional Radiology Suites
- MRI Suites
- Morgues
- Operating Room Suites
- PET CT Scan Suites
- Pharmacies



VA Medical Center Coatesville

A 302-bed center including rehabilitation, nursing home, and mental health beds



VA Medical Center Philadelphia

A 277-bed center including acute care and nursing home beds



Jefferson Einstein Philadelphia Hospital

A 548-bed, tertiary-care teaching hospital



Products Deployed

Niagara Framework® is a comprehensive software infrastructure that addresses the challenges of creating device-to-enterprise applications. It serves as a central console for connecting real-time operational data to the people and systems that manage workflows.

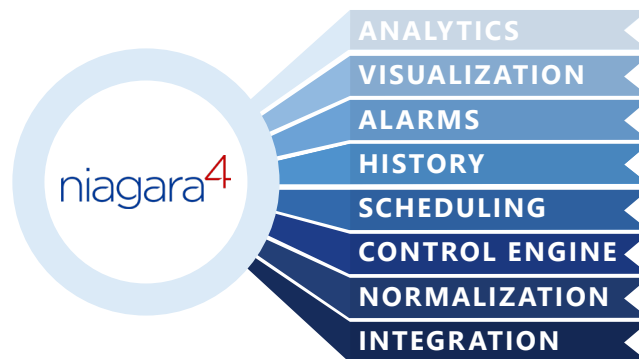
And because of its open architecture, it enables facilities teams to deploy new products and solutions while preserving existing investments. It can integrate new military-specific tech and products via standard connectivity options.

The Niagara system also offers enterprise-grade cyber security which is an essential requirement for healthcare IT/OT.

Services Provided

CM3 has provided building automation systems support across hundreds of construction projects in these hospitals. Our team of experienced BAS engineers and field specialists have expertise beyond standard BAS to the unique and niche requirements of the hospital – from humidity and temp controls to pressurized rooms and hazardous waste.

- Assessment and Planning
- System Design and Engineering
- Phased Implementation and Installation
- Integration, Testing, and Commissioning
- Scheduled Maintenance: Controls & Mechanical
- Emergency Services: 24/7/365 Support



About Us

CM3 Building Solutions has been installing and integrating the Niagara framework by Tridium since its initial introduction to the marketplace pre-2000. A pioneer in smart building solutions integration, CM3 is one of the first Building Controls and HVAC companies to embrace and advocate for the Niagara framework.

We have installed the Niagara framework throughout our community– from municipal buildings to schools, from commercial properties to healthcare organizations. With nearly 200 employees and a fleet +100 service vehicles, we provide the region's most comprehensive and reliable BAS service and our team is available 24/7/365 for emergency support for our customers.

