



CHATSWORTH
PRODUCTS

Modernizing Critical Healthcare IT Infrastructure at Bielański Hospital

Overview

Customer:

Bielański Hospital
(Szpital Bielański im. ks.
Jerzego Popiełuszki)

Location:

Warsaw, Poland

Facility:

13 departments, 712 beds, over
1,300 employees

Challenge:

Aging IT infrastructure, increased
data demands, and the need for
secure, energy-efficient,
scalable systems

Solution:

ZetaFrame® Cabinet System with
integrated airflow and cable
management, delivered in
partnership with Lanster

Result:

A state-of-the-art data center built in a
previously unused space, supporting
digital health initiatives and enabling
long-term operational efficiency



The Challenge

Bielañski Hospital, a leading healthcare facility in Warsaw, Poland, was facing increasing pressure to modernize its digital infrastructure. As medical services expanded to include telemedicine, AI-assisted diagnostics, and digital patient records, the hospital's legacy systems proved insufficient. Reliability, space optimization, energy consumption, and security compliance emerged as key concerns considering GDPR and healthcare-specific regulations.

Adding complexity, the hospital was expanding physically with a new 10,000 m², five-story wing — requiring a robust IT foundation to support critical operations across all departments.



Project Goals

- Modernize infrastructure to support current and emerging digital healthcare technologies.
- Ensure 24/7 Availability for mission-critical systems such as EHR and diagnostic tools.
- Improve sustainability by reducing energy and cooling costs.
- Optimize space through efficient use of underutilized areas.
- Maintain regulatory compliance with local and EU data protection laws.

Why Choose CPI

Bielañski Hospital chose Chatsworth Products (CPI) for its proven reliability in mission-critical environments and the ability to deliver scalable, space-conscious infrastructure tailored for healthcare demands.

- **High-Density Support:**
ZetaFrame® Cabinets offer the performance and capacity required to support today's high-power devices and future technology growth.
- **Passive Cooling® Technology:**
Enables thermal efficiency without the complexity or cost of active cooling.
- **Modular Design:**
Allows for tool-less installation and flexible configurations, essential for maximizing available space in a converted basement.
- **Local Support:**
CPI's collaboration with trusted regional partner, Lanster, ensured fast delivery, on-site consultation, and continued support.



Implementation Snapshot



ZetaFrame®
Cabinet System

Motive® Vertical
Cable Manager

Airflow Containment

Cable Runway

Switched Pro
eConnect® PDU

Data Center Location:

Repurposed basement space

Year Completed:

2023

Partner:

Lanster – CPI's Elite Partner in Poland

CPI Solutions Used:

- ZetaFrame Cabinet System
- Motive Vertical Cable Manager
- Integrated airflow containment and power management accessories

Key Results

Outcome	Impact
Energy Savings	€25,000–€30,000 annually from improved thermal management
Operational Efficiency	40% reduction in emergency maintenance; simplified cable and power layout
Space Optimization	Custom configuration enabled deployment in previously unused cellar
System Uptime	Enhanced reliability for continuous, uninterrupted patient care
Compliance & Security	GDPR-ready solution with integrated physical security options

Customer Feedback

“CPI delivered a tailored solution that exceeded expectations. From consultation through deployment, their team provided expert guidance and unwavering support.”

– IT Manager, Bielański Hospital

“The ZetaFrame cabinets helped us optimize space, reduce energy use, and ensure 24/7 operations — critical in a hospital environment.”

– IT Director, Bielański Hospital

“With CPI’s Passive Cooling® and modular racks, we now manage airflow, thermal conditions, and power proactively and efficiently.”

– Facilities Manager, Bielański Hospital



Looking Ahead

With a future-ready IT foundation in place, Bielański Hospital is well-positioned to lead digital transformation in Poland's public healthcare sector. By combining innovative infrastructure with scalable design, CPI's solutions are helping hospitals like Bielański reduce risk, increase performance, and deliver exceptional patient care—today and into the future.



Bielański Hospital basement prior to construction



Completed Installation

About Chatsworth Products

At Chatsworth Products (CPI), it is our mission to address today's critical IT infrastructure needs with products and services that protect your ever-growing investment in information and communication technology. We act as your business partner and are uniquely prepared to respond to your specific requirements with global availability and rapid product customization that will give you a competitive advantage. At CPI, our passion works for you. With over two decades of engineering innovative IT physical layer solutions for the Fortune 500 and multinational corporations, CPI can respond to your business requirements with unequalled application expertise, customer service and technical support, as well as a global network of industry-leading distributors. Headquartered in the United States, CPI operates from multiple sites worldwide, including offices in Mexico, Canada, China, the United Arab Emirates and the United Kingdom. CPI's manufacturing facilities are located in the United States, Asia and Europe.

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