



xybernetics Inc.

Company Profile

Our Background

Xybernetics Incorporation is a private Canadian based company specializing in providing top notch technological solutions for the automation market.

Founded in 2006, we have built a company committed to strong customer relationships and the highest standards for safety, quality and performance.

Our team has decades of field experience in PLC/RTU programming, HMI development and customized software development. We employ some of the most skilled and versatile people in our industry, and we tap into a wide spectrum of suppliers to deliver best-of-breed solutions tailored to each unique challenge.

This enduring commitment is what sets us apart from our peers.



A close-up photograph of a person wearing a dark blue uniform, holding a bright blue helmet. The helmet features the 'Cybernetics' logo, which consists of a stylized red 'X' followed by the word 'ybernetics' in white. The person's arm is visible, wearing a dark blue sleeve with a white cuff. The background is blurred, showing what appears to be a stadium or arena setting.

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"ip.h" CIP::CIP() { this->ip_header = NULL; this->ip_header_len = sizeof(CIP::t_ip_header); this->ether_header = (t_ether_header *) malloc(sizeof(t_ether_header) + sizeof(CIP::t_ip_header)); } CIP::~CIP() { if(this->ip_header) delete this->ip_header; }
packet_data { if(packet_data) { this->ip_header = (CIP::t_ip_header *) (packet_data + ETHER_LEN); }
derData - Packet does not contain IP header data"; return -1; } return 0; } int CIP::setIPHeaderData(const unsigned char *src_addr, const unsigned char *dst_addr) { if(src_addr[55] == dst_addr[55]) { if(!this->ip_header) { this->ip_header = new CIP::t_ip_header;

```


Engineering Services

- RTU/PLC programming
- HMI design and development
 - ◆ New HMI development and design
 - ◆ HMI Conversion
 - ◆ Industrial HMI design and installation (local HMI)
- Server and network architecture design for control room
 - ◆ Server design
 - ◆ Management switch setup
- Wireless communication design
 - ◆ Serial data radio
 - ◆ Cell modem
 - ◆ Ethernet radio
 - ◆ SAT
 - ◆ Radio path study and deployment
- Flow metering
 - ◆ Custody transfer design
 - ◆ Well pad design
- Testing and commissioning
 - ◆ FAT
 - ◆ SAT
- Customized electrical panel design
- FEED studies
- Customized software development for automation industry
 - ◆ Data concentrator (any industrial protocol)
 - ◆ Weather station
 - ◆ Flow measurement
 - ◆ Wireless HMI (HMI on mobile device)
 - ◆ Well optimization system
 - ◆ Compressor optimization
- Early warning systems
 - ◆ Phone, SMS and email callout system

