

# Rafael M. Martinez

## **Controls Engineer**

**2006 to Present**

**Progressive Engineering  
& Design**

1445 Limekiln Pike  
Dresher, PA 19025  
215-643-7152

Responsible design, project management, and programming of BAS projects. Responsible for troubleshooting and correcting at controls problem in the Hatboro/Horsham HVAC controls system. Responsible for generating sequence of operation, controls diagrams and points list for a HVAC system replacement at Centre Square, two 40 story buildings in Philadelphia, PA. Responsible for design, project management and programming for the controls portion of an HVAC replacement project for Arrow International in Chihuahua, International.

**April-2004 – August 2006,  
York International  
Mexico City, Mexico**

Responsible for the management, integration and programming of BAS systems. Projects included the creation of software on Visual Basic for monitoring and controlling air handling units at a Kodak facility in Guadalajara Mexico. Responsible for management, programming and configuration of BAS system for clean rooms in Arrow International, Chihuahua, Mexico. Programming for HVAC controls of: GNP Office Corporation (Mexico City 2005), “Flex and Gate” (Hermosillo, Sonora, Mexico 2005), Pediatric hospital, “Hospital Pediatrico” (Tuxtla, Chiapas Mexico, 2006), High specialties Hospital, “Hospital de Alta Especialidades” (Tapachula, Chiapas, Mexico 2006), “Delphi” (Matamoros Tamaulipas, 2006), “LIVERPOOL” department stores (Mexico, 2006). Training of “introduction and programming of ISN products and configuration of work station OWS” to York Latin-American

**April-2003 to April 2004  
Nautica S. A. De C. V.  
Mexico City, Mexico**

Responsible for selling of satellite communication via Inmarsat, Iridium and Movisat. VHF equipment and maritime radars and setting up of maritime equipment such as EPIRB, UAIS, KVH, INMARSAT C

**November-2002 to May -2003  
SENEAM (“Services for Aircraft Navigation Of Mexican Air Space)  
Mexico City, Mexico**

Responsible for electronic maintenance of the survey radar at the Mexico City International Airport.

**1998 to 2003 Communication and Electronic Engineer**  
**“Mechanics and Electrics University”,**  
**PNI (“National Polytechnic Institute”)**  
**Mexico City, Mexico**

**Certificate of Achievement**

- “Field Server Configuration Course”, Field Server Technologies
- Milpitas, California, October 2005
  
- “Us Embassy Specialized Training”, York International
- York, Pennsylvania, February 2005
  
- “ISN Connexsys Ows” York International
- York, Pennsylvania, December 2004
  
- “ISN Connexsys Introductory Training”, York International
- York, Pennsylvania, December 2004
  
- “Communication Systems Via Satellite” ESIME IPN
- Mexico, D.F, 2003