Tesan Elektrik, based in Turkey, has over thirty years of experience providing production and engineering solutions for the industrial automation sector. They distribute a wide line of automation products, including Unitronics PLC+HMI controllers, and also offer engineering solutions, including consultancy, implementation and technical support. One area they have had success with Unitronics PLCs is middle voltage motor controls.

The middle voltage motor control system needed a minimum of 6 temperature inputs and it also needed to communicate to AC panels in order to check energy quality and consumption. The motor and the control panel are typically far apart in this type of applications so Tesan used a Unitronics Vision570 PLC with an I/O expansion module that communicates via Canbus. The panel also used ModBus communications to connect to other devices. Faruk Caba of Tesan says “Unitronics’ advanced communication options and temperature modules enabled us to offer the customer a cost-effective, accurate remote monitoring solution”.

Summary:
Tesan Elektrik has thirty years of experience providing production and engineering solutions for the industrial automation sector. They recently created the control system for a middle voltage motor, using a Unitronics Vision570 and a PT400 analog input module. Unitronics excellent communication options helped the control system monitor the system remotely.