

Corning Incorporated

Location: United States, Taiwan, China

Process or Facility Systems Controlled:

Process enclosures surrounding melt and fusion draw machines for production of flat-screen glass for monitors, televisions, smart phones and tablets

Control Platform Technologies Used:

Rockwell ControlLogix PLCs and iFIX HMIs with PI Historian

Control System Size:

600 hard I/O per deployment; RBT has deployed seven systems to date.

Project Description:

Sometimes human comfort systems are not trustworthy enough for controlling process environments. This was the case for Corning Incorporated. Decision makers within the Corning plant did not trust the environment surrounding its multimillion-dollar glass production to hardware and software built for controlling temperature, differential pressure (DP) and humidity in office buildings.

RoviSys has provided more than 15,000 engineering hours of service over a three-year period to deploy seven industrial-grade systems that control the environment (temperature, pressure, DP and humidity) surrounding glass furnaces that produce flat-screen Gorilla glass for flat-screen televisions, computer monitors, smart phones and tablets.