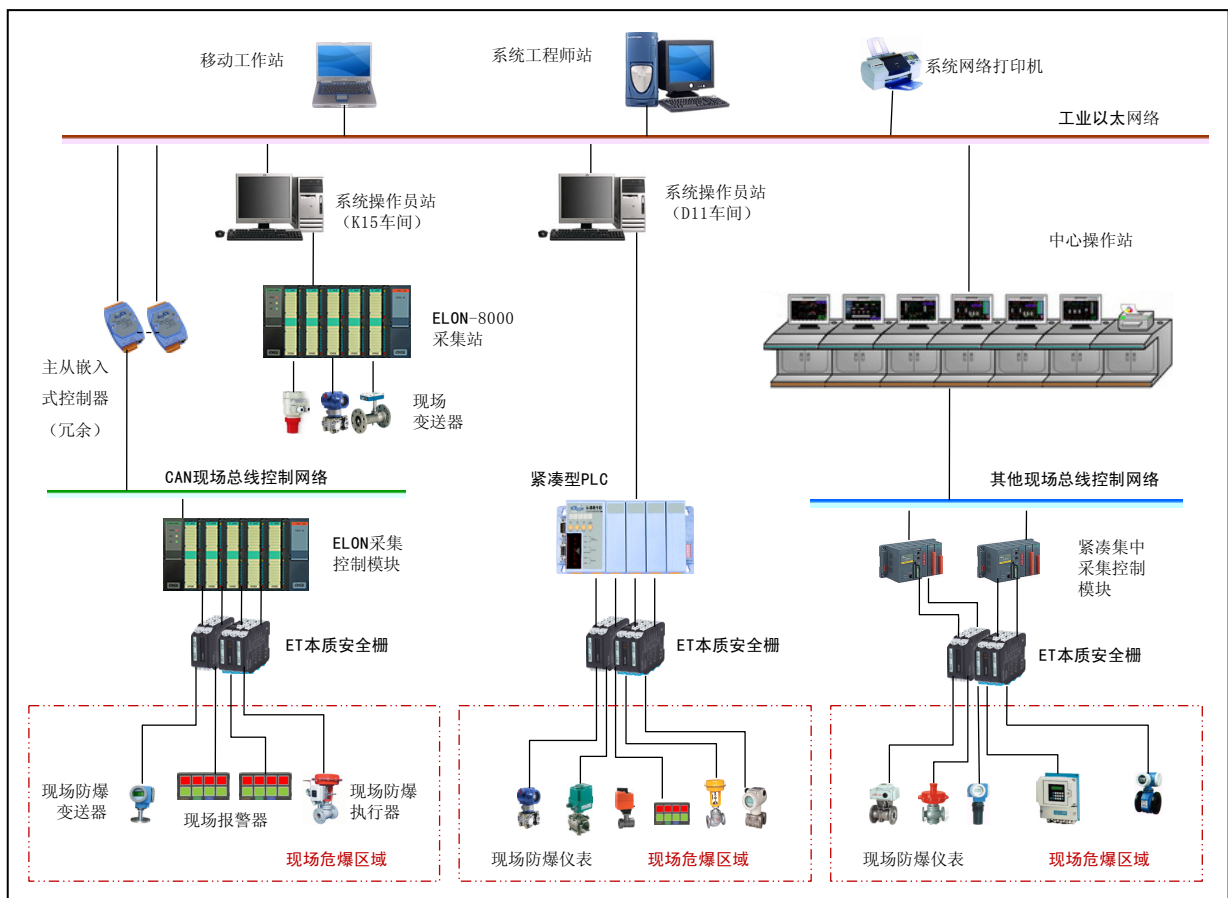# ELON-8000X 防爆检测控制系统

ELON-8000X 防爆检测控制系统是重庆川仪高新技术有限公司根据化工、石油、电站、军工等行业现场高危易爆场所的特殊情况和要求，设计出的一种符合国际标准，具有防爆功能的检测控制系统。

ELON-8000X 防爆检测控制系统在危险区的本安防爆安全栅既可成套配用本公司具有防爆安全资质的 ET 系列产品，也可选用其符合国际标准的防爆安全栅产品，使该系统应用方式上具有很大的灵活性。用户可以根据自己的实际情况和资金情况涉及建立最符合自己要求的防爆控制系统。

ELON-8000X 系统中增添了许多可供用户选择的丰富的安全防爆系统解决方案，大大加强了其在安全防爆领域的应用能力。而且由于本质安全型现场总线 CAN-BUS 的推广应用日臻成熟，为解决传统的安全防爆系统设计提供了更灵活、可靠的解决方案。

ELON-8000X 可以结合控制器与组态功能，实现上位机直接观测被检测地点实时情况的远程智能检测报警系统。此检测仪器带有声光和振动报警功能，根据具体需要，可以设置为具有消音和锁存功能，只通过上位机获取各检测点的直观可燃气体浓度值。此外检测系统还可以通过自身或外接存储器记录以往的历史检测数据。工作人员可以通过 PC 机或监控仪器上获取现场易燃易爆探测器中的实时和历史数据，便于查询和分析。当检测到可燃物浓度达到危险值，可通过系统控制器自动实现报警显示功能。因此该系统具有适应强，可靠性高，使用范围广的特点，是各种高危易爆场所现场检测控制项目的优选系统。

ELON-8000X 防爆检测控制系统结构示意图

ELON-8000X explosion-proof detection control system

ELON-8000X explosion-proof detection and control system is designed by Chongqing Chuanyi high-tech Co., Ltd. It satisfy special circumstances and requirements on high-risk explosive places and industries like chemical, oil, power plants, military industry ,etc. meeting the international standards.

In the danger zone the intrinsically safe explosion-proof safety barrier not only can use ELON-8000X ET series products of our company which is of explosion-proof safety qualification, but can also use other safety barrier products with international standards, so that the system application has a lot of flexibility. Users can build their own explosion control system according to their actual situation .

ELON-8000X system has a lot of user-friendly choice on security explosion-proof system solutions, greatly enhanced its application in the field of safe explosion-proof. And because of the promotion on intrinsically safe field bus CAN-BUS, it can provides a more flexible and reliable solution on traditional safe explosion-proof system.

LON-8000X can be combined with the controller and configuration functions, the host computer can directly survey the real-time detection of the remote intelligent detection alarm system. This test instrument is with sound, light and vibration alarm function, and can be set to have erasure and latch function according to specific needs, and can obtain the flammable gas concentration only at the host computer. In addition, the detection system can record the historical data through itself or external memory. The staff can obtain the real-time or historical data in the detector through the PC or monitoring instrument, so as to facilitate the query and analysis. When flammable material reach to dangerous level, it can be automatically achieved through the system controller alarm display function, so the system has advantage of strong adaptability, high reliability, and variety usage , it is a preferred system on many of high-risk explosive sites.