



ALARMING TRUTH OF UPGRADES

GLOBAL ANIMAL HEALTH – WIN-911 UPGRADES

A global Animal health pharmaceutical plant upgraded their alarm system across their animal health life sciences plant, at the same time expanding in the city of Elkhorn, NE. WIN-911 alarm systems had been used across their plant for a number of years starting with those requiring an OPC server connection where every alarm needs to be manually configured. But with a long history of ensuring they had the latest upgrades, this plant moved from the Standard package to the Interactive, to Advanced, specifically, 2021 4.2 and ultimately to version 2021 v6. With this latest version WIN-911 now acts as a filter to talk directly to System Platform and configure those alarms.

Not only is are they upgrading systems to alarm on existing process equipment like bioreactors, fermenters, water building systems and bio kill systems, but as it expands production, alarming systems are also applied to the entire building management. This new building expansion will now rise to human health life sciences standards.



WIN-911 UPGRADES

ANIMAL LIFE SCIENCES PLANT ACHIEVES HUMAN HEALTH STANDARDS

The newest WIN-911 upgrade allows standardization of escalation levels on all alarming tags and security throughout the facility. As the plant expands, implementing the latest alarms allows this animal health life sciences plant to meet stricter human health standards.

| Global Animal Health System Alarm Upgrades | Huffman Engineering Alarm Automation |
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| 4 Bioreactors 6 Fermenters 2 Specialized Systems (Water Building, Bio Kill System) | Alarm control to the temperature, Ph levels, Dissolved Oxygen |
| 250 Alarm Tags | Alarm control to the biological processes |
| 3 escalation levels on each alarm tag | 5 minutes 2 hours 4 hours |
| Previously variations siloed in plc programs with various security options | Standardized & Managed in WIN-911 |