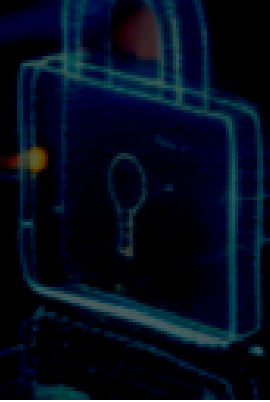




# CLOUD CONNECT SYSTEM SECURITY



The DXi Platform—consisting of irrigation controllers, Cloud Connect, and associated communication protocols and mediums—implements numerous components that address security and reliability.

## FEATURES & BENEFITS



### Secure Controller Communication

AES 256-bit Encryption with a secure certificate and dynamic keys provides the same level of security between the irrigation controllers and the servers that the NSA has authorized for use by the Federal Government.



### REDUNDANT SERVER FARM

Irrigation controllers connect to multiple servers that provide redundancy in the event of any temporary issue with a single server.



### REAL-TIME SYSTEM MONITORING

Ensures reliable communication between the server and irrigation controllers.



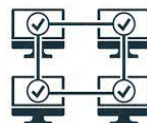
### SECURE SSL-PROTECTED WEBSITE

Provides encrypted communication between the servers and user, web-based clients.



### SECURE PASSWORDS

Passwords required for system access which are stored only in encrypted form.



### SECURE COMMUNICATION PROTOCOL

Technology to detect and reject any attempt to inject unauthorized commands to irrigation controllers so your controllers follow only your commands.



### EXHAUSTIVE LOGGING

A comprehensive set of communication and operational system logging options both at the server and irrigation controller allows us to analyze, optimize, and resolve issues in real-time.



### AUTOMATIC REGULAR BACKUPS

The entire platform is automatically backed-up on a regular basis allowing for quick recovery in the case of any problems with the system.

# CLOUD CONNECT SERVER & PORT

## CONTROLLERS

Connected via Ethernet,  
Cell, or WiFi

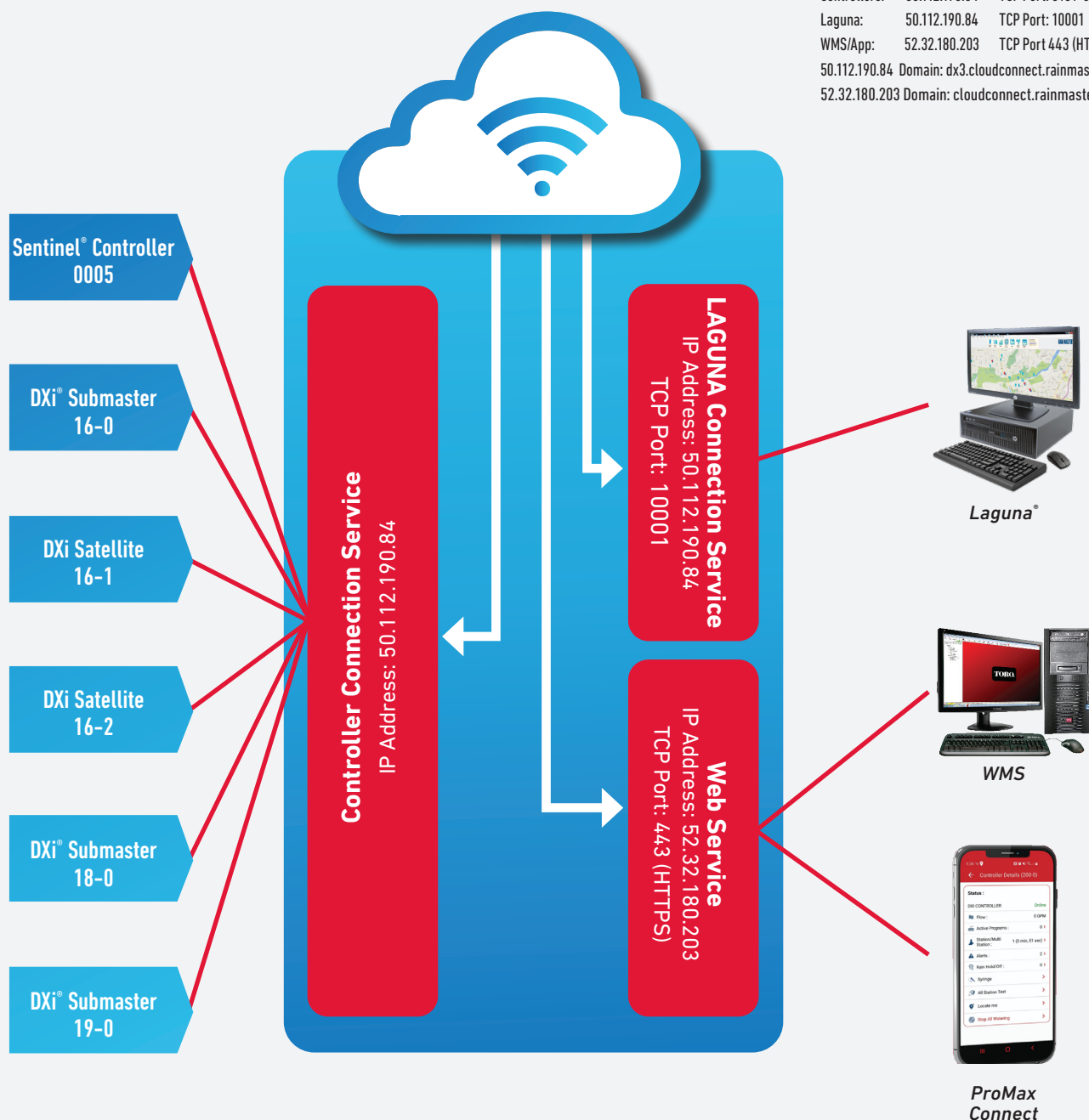
## CLOUD CONNECT SERVER

Connected via Ethernet, Cell, or WiFi

## FIREWALL ACCESS

Outbound access required  
to the following:

Controllers: 50.112.190.84 TCP Port: 5101-5199  
Laguna: 50.112.190.84 TCP Port: 10001  
WMS/App: 52.32.180.203 TCP Port 443 (HTTPS)  
50.112.190.84 Domain: dx3.cloudconnect.rainmaster.com  
52.32.180.203 Domain: cloudconnect.rainmaster.com



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