# DX Fleet™

# MINIMUM DEPLOYMENT ENVIRONMENT REQUIREMENTS

DX Fleet™, one of the DFS DX™ connected solutions, is an end-to-end fuel management solution for private and commercial fleet owners and operators. By collecting and processing real-time data from a variety of transaction management and fueling devices, DX Fleet enables companies to quickly reconcile transactions across multiple sites while ensuring sites stay up and running at peak condition. Access to site-generated alerts gives owner/ operators the ability to manage by exception while ensuring that any error at an unmanaged site can be easily diagnosed and resolved.

| NETWORK SPECIFICATIONS | MINIMUM | RECOMMENDED |
|---|---|---|
| ISP to network devices (download)[1] | 6 Mbps | 25 Mbps or higher |
| Network device to ISP (upload)[1] | 3 Mbps | 3 Mbps or higher |
| **HARWARE SPECIFICATIONS** | **MINIMUM** | **RECOMMENDED** |
| DFS Edge (Part # ending -0003) | Image 1.0.5.4 | Current release[2] |
| Site controller | FSC3000® fuel site controller | |
| **SOFTWARE SPECIFICATIONS** | **MINIMUM** | **RECOMMENDED** |
| FSC3000 | 1.20i | Current release[2] |
| Login Access URL - dxfleet.dfsdx.com | | |

*Multiple URL's and ports will need to be allowed to be accessed through the local firewall to enable DX Fleet. Firewall rule details available in the installation guide by request.*

---

[1] *Broadband, ADSL, 4G Cellular or better are required. VSAT is not acceptable due to high latency*
[2] *For current release offerings please contact your DFS sales representative or local distributor*

## DOVER®
## FUELING SOLUTIONS

## DX Monitor™

# MINIMUM DEPLOYMENT ENVIRONMENT REQUIREMENTS

DX Monitor™, one of the DFS DX™ connected solutions, is a cloud-based solution that enables fueling site owners and operators to centrally monitor and manage fuel dispensers and payment modules across all sites. Utilizing the ability to remotely update software and firmware at the dispenser, DX Monitor reduces maintenance costs and maximizes fuel dispenser uptime.

| NETWORK SPECIFICATIONS | MINIMUM | RECOMMENDED |
|---|---|---|
| ISP to network devices (download)[1] | 6 Mbps | 25 Mbps or higher |
| Network device to ISP (upload)[1] | 3 Mbps | 3 Mbps or higher |
| Dispenser connectivity | Wayne Connect™ IP-485 network solution[2] | DFS® Wireless Connect or wired Ethernet (e.g. CAT5) |
| HARWARE SPECIFICATIONS | MINIMUM | RECOMMENDED |
| DFS Edge (Part # ending -0003) | Image 1.0.5.4 | Current release[4] |
| Fuel dispenser | Wayne Ovation® with or without DFS Anthem UX™ user experience platform, Wayne Helix® or Wayne Vista™ 4V | |
| Control board | Wayne iX Red[3], iX Jade, iX SVM or Anthem UX board | |
| SOFTWARE SPECIFICATIONS | MINIMUM | RECOMMENDED |
| Wayne iX Pay® EPP running on iX Red[3] or Jade board | 2.8.102.142 | Current release[4] |
| iX Pay EMV running on Wayne iX Red[3] or Jade board | 2.8.105.46 | Current release[4] |
| iX Pay P2P EMV running on Wayne iX Jade board | 3.1.201.1320 | Current release[4] |
| iX Pay EPP running on Wayne iX SVM board | 3.0.102.81 | Current release[4] |
| iX Pay EMV running on Wayne iX SVM board | 3.1.201.1320 | Current release[4] |
| Anthem UX | 1.4.6 | Current release[4] |
| inOvationTV™ media platform | IOTV is not compatible with DX Monitor. DX Promote is compatible with DX Monitor. DX Promote minimum requirements must be met for co-deployment. | |
| Login Access URL - dxmonitor.dfsdx.com | | |

*Multiple URL's and ports will need to be allowed to be accessed through the local firewall to enable DX Monitor. Most MNSP providers have these rules implemented and can be remotely pushed to the site. Contact the MNSP vendor for details. Firewall rule details available in the installation guide by request.*

*[1] Broadband, ADSL, 4G Cellular or better are required. VSAT is not acceptable due to high latency*
*[2] Wayne Connect IP-485 network solution is not recommended for new installs and upgrades. Faster site connectivity options (e.g. DFS Wireless Connect) are required if any other DFS DX solution is to be used with DX Monitor (e.g. DX Promote™). Also, for best results with DX Monitor, faster site connectivity options should be used.*
*[3] Wayne iX Red boards not recommended for new installs or upgrades due to availability and performance concerns*
*[4] For current release offerings please contact your sales representative or local distributor*

## DX Promote™

# MINIMUM DEPLOYMENT ENVIRONMENT REQUIREMENTS

DX Promote™, one of the DFS DX™ connected solutions, is a cloud-based solution that provides retail fueling owners and operators with a centralized rich content management platform that transforms fuel dispensers into automated selling machines, featuring locally targeted advertising at each fueling point.

## DX Promote for Wayne Ovation® Fuel Dispenser with DFS Anthem UX™

| NETWORK SPECIFICATIONS | MINIMUM | RECOMMENDED |
|---|---|---|
| ISP to network devices (download)[1] | 6 Mbps | 25 Mbps or higher |
| Network device to ISP (upload)[1] | 3 Mbps | 3 Mbps or higher |
| Dispenser connectivity | DFS® Wireless Connect or wired Ethernet (e.g. CAT5) | |
| **HARWARE SPECIFICATIONS** | **MINIMUM** | **RECOMMENDED** |
| DFS Edge (Part # ending -0003) | Image 1.0.5.4 | Current release[2] |
| Fuel dispenser | Wayne Ovation® with Anthem UX platform | |
| Screen | Anthem UX (27" screen) | |
| Control Board | Anthem UX board | |
| **SOFTWARE SPECIFICATIONS** | **MINIMUM** | **RECOMMENDED** |
| Anthem UX | 1.4.6 | Current release[2] |

## DX Promote for Wayne Ovation and Wayne Helix® with 10.4" screens

| NETWORK SPECIFICATIONS | MINIMUM | RECOMMENDED |
|---|---|---|
| ISP to network devices (download)[1] | 6 Mbps | 25 Mbps or higher |
| Network device to ISP (upload)[1] | 3 Mbps | 3 Mbps or higher |
| Dispenser connectivity | DFS® Wireless Connect or wired Ethernet (e.g. CAT5) | |
| **HARWARE SPECIFICATIONS** | **MINIMUM** | **RECOMMENDED** |
| DFS Edge (Part # ending -0003) | Image 1.0.5.4 | Current release[2] |
| Fuel dispenser | Wayne Ovation, Wayne Helix | |
| Screen | 10.4" VGA (only) | |
| Control Board | Two Wayne iX™ Jade boards (one per dispenser side) | |
| **SOFTWARE SPECIFICATIONS** | **MINIMUM** | **RECOMMENDED** |
| Wayne iX Pay® EMV running on iX Jade board (EMV and mag stripe modes supported) | 2.8.105.46 | Current release[2] |
| iX Pay P2P EMV running on iX Jade board | 3.1.201.1320 | Current release[2] |

*Multiple URL's and ports will need to be allowed to be accessed through the local firewall to enable DX Promote. Most MNSP providers have these rules implemented and can be remotely pushed to the site. Contact the MNSP vendor for details. Firewall rule details available in the installation guide by request. There are also image and video specifications related to each fuel dispenser type which are also available in the installation guide by request.*

---

*[1] Broadband, ADSL, 4G Cellular or better are required. VSAT is not acceptable due to high latency.*
*[2] For current release offerings please contact your sales representative or local distributor*