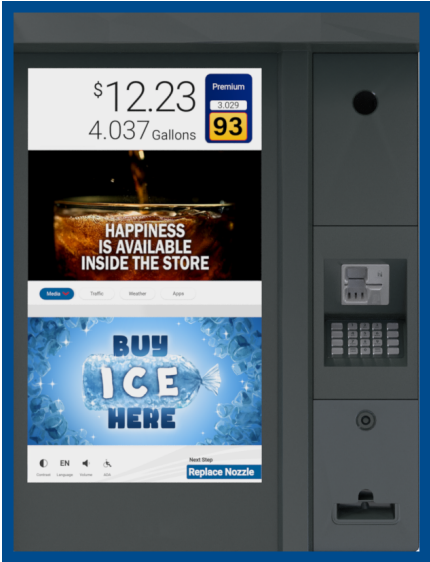# Minimum Deployment Environment Requirements /
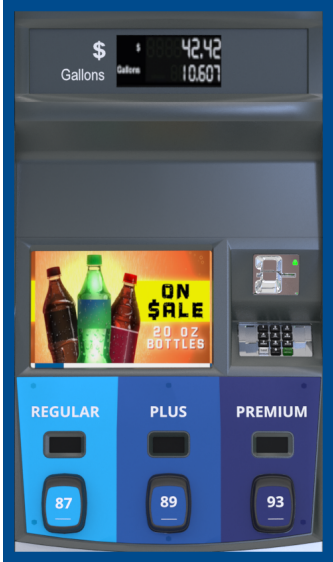## DX Promote®

An Immersive Digital Consumer Experience – Right at the Dispenser

DX Promote®, one of the DFS DX™ connected solutions platforms, 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.

NETWORK SPECIFICATIONS[3]	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	AvaLAN® Wireless Solution and AvaLAN® Wired Solution	
HARDWARE SPECIFICATIONS	**MINIMUM**	**RECOMMENDED**
DFS Edge	DFS Edge with Image 1.0.5.4	DSF Edge 100 (Current release[2])
Fuel dispenser	Wayne Ovation® fuel dispensers	
Screen	Anthem UX® (27" screen), AX12™ & AX12 Enhanced™ (12" screen)	
Control Board	Anthem board	
SOFTWARE SPECIFICATIONS	**MINIMUM**	**RECOMMENDED**
Anthem Software	1.18.2	Current release[2]

*DFS Anthem UX®
(27" screen)*

*DFS AX12™ &
DFS AX12 Enhanced™
(12" screen)*

[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

[3] Multiple URL's and ports will need to be allowed to be accessed through the local firewall to enable DX Promote® and DX Promote Auto™. 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.

DOVER
FUELING SOLUTIONS

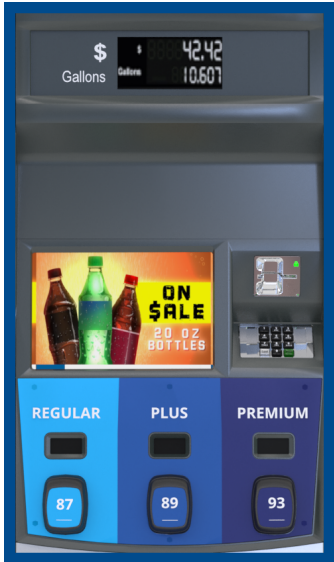# Minimum Deployment Environment Requirements /
DX Promote Auto™

An Immersive Digital Consumer Experience – Right at the Dispenser

The DX Promote Auto™ service is a lowtouch media solution enabling retailers to enhance the fueling experience with engaging local content, customized ads, and access to an evolving suite of customer-centric applications.

NETWORK SPECIFICATIONS[3]	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	AvaLAN® Wireless Solution or AvaLAN® Wired Solution	
HARDWARE SPECIFICATIONS	**MINIMUM**	**RECOMMENDED**
DFS Edge	DFS Edge with Image 1.0.5.4	DSF Edge 100 (Current release[2])
Fuel dispenser	Wayne Ovation® fuel dispenser	
Screen	Anthem UX® (27" screen) & AX12™ & AX12 Enhanced™ (12" screen)	
Control Board	Anthem board (Anthem UX® & AX12 Enhanced™) / Anthem Lite board (AX12™)	
SOFTWARE SPECIFICATIONS	**MINIMUM**	**RECOMMENDED**
Anthem Software	1.20.4	Current release[2]

DFS Anthem UX®
(27" screen)

DFS AX12™ &
DFS AX12 Enhanced™
(12" screen)

[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*

[3] *Multiple URL's and ports will need to be allowed to be accessed through the local firewall to enable DX Promote® and DX Promote Auto™. 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.*

DFS *Worldwide* Brands

Wayne FUELING SYSTEMS · OPW · ClearView · AvaLAN NETWORKS · Bulloch TECHNOLOGIES
TOKHEIM · ProGauge · fairbanks · LIQAL

Minimum Deployment Environment Requirements /
DX Promote® and DX Promote Auto™

NETWORK SPECIFICATIONS[3]	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	For sites with 12 or fewer fueling points: Wayne Connect™ IP-485® network solution	For sites with 12 or fewer fueling points: AvaLAN® Wireless Solution or wired Ethernet
	For sites with 13 or more fueling points: AvaLAN® Wireless Solution or wired Ethernet (e.g. CAT5)	

HARDWARE SPECIFICATIONS	MINIMUM	RECOMMENDED
DFS Edge	DFS Edge with Image 1.0.5.4	DFS Edge 100 (Current release[2])
Fuel dispenser	Wayne Ovation® fuel dispensers	
Screen	10.4" VGA (only)	
Control Board	Two Wayne iX™ Jade boards (one per dispenser side)	

SOFTWARE SPECIFICATIONS	MINIMUM	RECOMMENDED
Wayne iX Pay® secure payment platform EMV running on Wayne iX™ Jade board (EMV and mag stripe modes supported)	2.8.105.46	2.8.210.17 or Current release[2]
iX Pay® secure payment platform P2P EMV running on iX™ Jade board	3.1.201.1320	Current release[2]

10.4" Screen

[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

[3] Multiple URL's and ports will need to be allowed to be accessed through the local firewall to enable DX Promote® and DX Promote Auto™. 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.