

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WF2XDI

(Call Sign)

XT FX MO

(Class of Station)

0297-EX-PL-2009

(File Number)

NAME ElecSys International Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d g) of the Commission's Rules

Station Locations

- (1) Olathe (JOHNSON), KS - NL 38-53-39; WL 94-47-26; MOBILE: Within ~300 meters of above address, within 0.3 km
- (2) MOBILE: In and around the facility location listed below, within 0.3 km, centered around NL 38-53-39; WL 94-47-26

Frequency Information

Olathe (JOHNSON), KS - NL 38-53-39; WL 94-47-26; MOBILE: Within ~300 meters of above address, within 0.3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
100-150 kHz	MO	4K00K2D	0.00006 mW (ERP)	3 %
13.49-13.63 MHz	MO	14K0K3D	121.9512 mW (ERP)	0.02 %
151.81438-151.94563 MHz	FX	11K2F2D	2427.4827 mW (ERP)	0.0005 %

This authorization effective September 08, 2009 and
will expire 3:00 A.M. EST September 01, 2011

**FEDERAL
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COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.56-154.61 MHz	FX	20K0F2D	2427.4827 mW (ERP)	0.0005 %
824-849 MHz	MO	244KG2D 243KG2D	1803.666 mW (ERP)	0.0001 %
880-915 MHz	MO	244KG2D 243KG2D	1803.66 mW (ERP)	0.0001 %
902-928 MHz	FX	250KF3D	2.427 W (ERP)	0.001 %
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902-928 MHz	MO	257KD2D 257KD2D 257KD2D	484.346 mW (ERP)	0.01 %
1710-1755 MHz	MO	244KG2D 243KG2D	1803.666 mW (ERP)	0.0001 %
1850-1910 MHz	MO	244KG2D 243KG2D	1803.666 mW (ERP)	0.0001 %
1920-1980 MHz	MO	244KG2D	1803.666 mW (ERP)	0.0001 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1980 MHz	MO	243KG2D	1803.666 mW (ERP)	0.0001 %
2.4-2.5 GHz	MO	100MG2D 100MG2D	96.639828 mW (ERP)	0.0001 %

MOBILE: In and around the facility location listed below, within 0.3 km, centered around NL 38-53-39; WL 94-47-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	100MG2D	94.44 mW (ERP)	0.002 %
2.4-2.5 GHz	MO	100MG2D	38.472 mW (ERP)	0.002 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.