



# QSR BROCHURE

CONNEX 3D™ QSR ASSET MONITORING SYSTEM

## INTRODUCTION

THE CONNEX 3D™ QSR ASSET MONITORING SYSTEM provides the monitoring of any asset within the QSR facility including cooking oil management systems, freezer, cooler & refrigeration temperature, grill & ovens operation with remote cloud-based cellular connectivity.

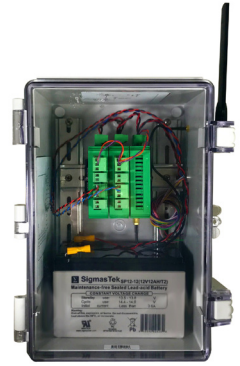
The Food Safety Modernization Act (FSMA), signed into law on January 4, 2011 enables the Food and Drug Administration (FDA) to better protect public health by strengthening the food safety system. It allows FDA to focus more on preventing food safety problems, rather than reacting to problems after they occur. Meeting these food safety concerns requires better measurements and monitoring locally, in-store as well as remotely, at the management level. Anytime, anywhere. The CONNEX 3D™ is a cloud based monitoring system that measures and consolidates the data into usable and essential information for compliance reporting, management analytics, preventative maintenance, service provider efficiency and more.

The CONNEX 3D™ System takes the very best of process control and integrates it into a full-service monitor for the food service industry. A simple example of the CONNEX 3D™ system starts with fresh oil. Through level monitoring, every last drop of oil can be accounted for as the tank is filled with new product and as oil is added to the fryers. Because the quality of fried food is tied directly to the quality of the cooking oil, our system monitors the fryers to verify that oil has been filtered at the proper time and frequency. The temperature of the fryer is measured and monitored. The frequency of cooking oil replenishment is monitored all the way to the used oil tank. Finally, once used oil is stored for pickup, the system monitors the used oil tank so you know exactly how much oil you have added and exactly how much your vendor picks up. Vendors/Service Providers are connected to the system to know when to schedule service, pick up used cooking oil, and deliver new oil on demand. The CONNEX 3D™ monitor integrates any sensor into a remote measurement used for FDA compliance, food quality assurance, preventive maintenance and on-time service, environmental reporting and theft prevention. The CONNEX 3D is the all-in-one solution. Local and remote monitoring of grill & oven operation provides added food quality assurance and faster on-time delivery of services, energy management, and QA management reporting of deliverables. Refrigerator and freezer temperatures as well as storage times for assets such as eggs or foods made with eggs can be measured and remotely monitored with the CONNEX 3D system.



## CONNEX 3D™ ASSET MONITOR

CONNEX 3D™ is the brains behind the QSR ASSET MONITORING SYSTEM. It is a solid-state tank level monitoring system that mounts directly on top of the used food-grade oil tank inside the store and plumbs directly to the users cooking/fryer units for used cooking oil transfer. The SYSTEM integrates the level sensor (ULTRASONIC LEVEL) into the CELLULAR MONITOR which is tank mounted. CONNEX 3D™ comes complete with battery power for wireless installation and communications. The system includes a USB port for PC or laptop connectivity with the CONNEX 3D™ PC software utility for local monitoring, setup, complete diagnostics and data logging.



**CONNEX 3D™**

The CONNEX 3D™ has all of the added features of accurate tank level measurement along with optional TCP/IP Ethernet connectivity and PC software and RS485/COMMS output. Data management and SECURED WEB Portal interface monitoring with email alerts and daily report generator.



**ULTRASONIC SENSOR**



**USED COOKING OIL TANK**



**TOP OF USED COOKING OIL TANK**

## CONNEX 3D™ MONITORING AND ALERTING SOFTWARE

The CONNEX 3D™ cloud-based monitoring and alerting software allows the user to monitor their assets at the convenience of their PC, smart phone, or tablet anywhere, anytime. Through the software you are able to monitor the tank volume and tank levels, fryer volume and levels, alarms when levels are too low or high, sensor status, battery status, tank inventory status, theft prevention, historical data, and much more. The web interface works in all browsers and doesn't require downloads or plugins for full functionality.

