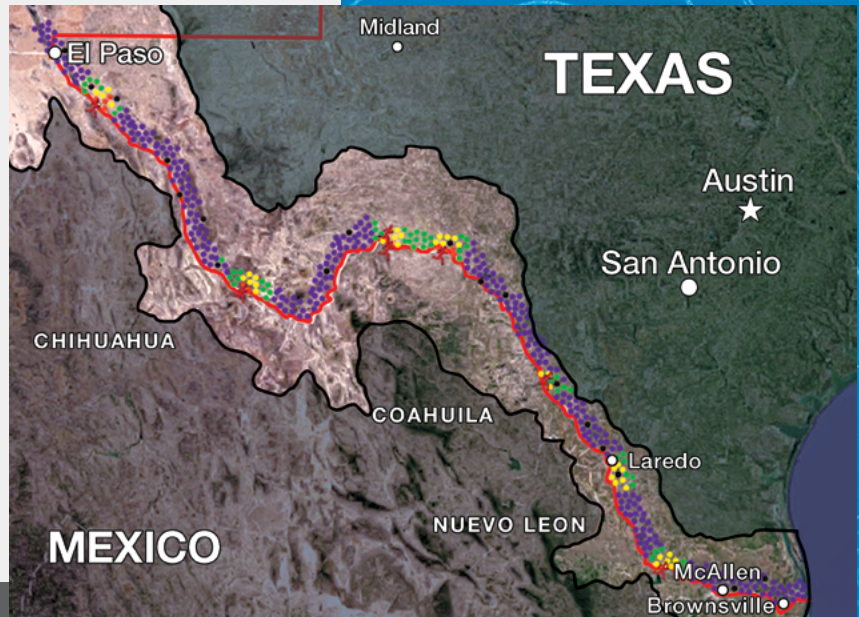


# Texas Border Security



The Texas-Mexico border follows the deepest channel of the Rio Grande 1,255 miles from El Paso through many types of terrain including the Davis Mountains, to the Gulf of Mexico. International law prevents any disruption to the flow of the river, effectively requiring any wall to be built on levees in flood plains, most of which reside on rural, private lands. All of these factors magnify the scope, cost and time to protect the border.

Passive, physical barriers are estimated to cost between \$400,000 to \$15.1M per mile with a construction timeline that comes with a 1,200-mile civil engineering project.



## Sensor Network Border Security System

WilliamsRDM's Border Security System provides an active and adaptable sensor network to detect multiple types of intrusions in order to focus your limited man-power where it is needed most at 10% of the cost of a physical barrier and deployed in a fraction of the time.

### Benefits

#### Wide Detection Array

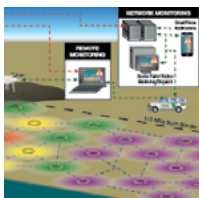
All Nodes come equipped with RF-based Intruder Detection and Magnetic sensors, but can also be configured with Acoustic, Passive Infrared Motion, RF Transmitter, or Seismic Detection.

#### Cost Savings

90% less expensive than the least expensive physical wall estimates at a fraction of traditional construction time.

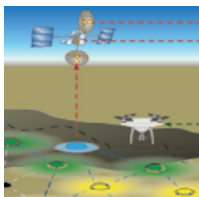
#### Easy Deployment

Nodes can be dispersed from air, truck or by hand. Efficient power utilization provides maintenance-free multi-year deployment life.



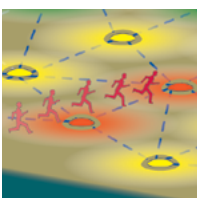
### System Network

- Rapidly deployable
- Stand alone system or augment physical security
- Wireless, self-activating mesh & communications network
- Communicates via satellite, or other long-range link
- Remote Monitoring



### Sensor Nodes

- Sealed Enclosures
- Solar & battery powered
- Ultra-low power sensing and signal processing
- 50-100m detection range
- GPS equipped
- False Alarm reduction algorithms
- Multiple concealment options



### Cluster Nodes

- 1 per linear mile (1/2 mile deep config)
- Satellite uplink capable
- Sealed Enclosures
- Solar & battery powered
- GPS equipped

# 50 years of ingenuity & can-do spirit

IN THE HEART OF FORT WORTH, TEXAS

## What We Stand For

We believe in America and the military that defends our freedom. We've proven you don't have to be big, to do big things.

The innovative products we've developed and manufactured over the years for our military attest to our competence in design innovation and high-complexity, short run, precision manufacture.

From F-111 and F-4 to F-16, F-35 & F-22, our test equipment, cables, and connectors save time on the flight line, getting our aircraft airborne quicker. Our focus has always been on designing and manufacturing reliable yet field-repairable products which will have a dramatic effect on safety of flight, mission readiness and total life cycle cost.

Our willingness to take on the toughest design challenges—often including development of prototypes for proof of concept—is just one of the reasons for our reputation:

*"...when others can't...  
Williams will!"*



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WilliamsRDM.com

*WilliamsRDM is a woman-owned, small business dedicated since 1963 to the design and manufacture of military grade automated test equipment, cable assemblies, connectors/adapters, and electronic hardware. We have decades of experience in all phases of electrical, mechanical, and software engineering—performing innovative new product development and manufacturing in Fort Worth, Texas.*

*We have a reputation for consistently meeting customer requirements for quality, delivery, risk, and value.*

*WilliamsRDM is a complete turn-key operation; all manner of business—from fabrication and assembly to design and engineering—are conducted in-house.*

*WilliamsRDM is registered to the ISO 9001 and AS9100 quality management standards. We have received numerous recognitions from government and industry over the years for our exceptional quality and delivery, including Lockheed Martin Rotary and Mission Systems (RMS) Small Business Subcontractor of the Year in 2008 and again in 2011.*

## RECOGNITION

GOLD LEVEL PERFORMANCE EXCELLENCE  
AWARD / THE BOEING COMPANY / 2014, 2015

TIBBETTS AWARD WINNER / US SMALL BUSINESS  
ADMINISTRATION / 2011

SUBCONTRACTOR OF THE YEAR /  
LOCKHEED MARTIN / 2008, 2011

ADMINISTRATOR'S AWARD FOR EXCELLENCE /  
US SMALL BUSINESS ADMINISTRATION / 2004

BEST VALUE GOLD MEDAL / DSCR /  
5 YEARS IN A ROW

TEXAS FAMILY BUSINESS OF THE YEAR /  
BAYLOR UNIVERSITY / 2007

REGISTERED TO ISO9001:2008 / AS9100:2009