Pro Tech Monitoring, Inc.

GPS Tracking Program Status and Developments

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Pro Tech Monitoring

Pro Tech Overview

- Pro Tech is the World's leading provider of GPS tracking for criminal justice customers
- Purchased by Dmatek in January 2007
- Headquarters in Tampa, Florida
  - 71 employees
- Tracked more than 100,000 offenders using GPS since 1998
- Currently have more than 10,000 Pro Tech active and passive GPS devices deployed in 43 states and Canada

Pro Tech Smart System

First Active Tracking Device developed in 1998

Believe it or not...still in limited use today

Pro Tech Smart System

Multiple Levels of Supervision with a Single Hardware and Software Interface

SMART® RF Curfew Monitoring

SMART® Passive GPS Tracking

SMART® Hybrid GPS Tracking

SMART® Active GPS Tracking

PRO TECH

The Total Solution

- There is MUCH more to GPS tracking than the size, shape and configuration of the device
  - Must provide secure and reliable tracking
  - Tracking devices are data collection tools
- Software interface must be responsive and reliable
  - Vendor hosted maps versus On-line maps – increased speed and availability
  - Client based vs. Browser based – Increased speed and security
  - Local servers vs. centralized servers
  - Reports – wide variety of on-line and custom reports
  - Integrated Case Management capability
- Redundancy is a must
- Vendor must be “Fluent” in GPS
  - Strong technical knowledge of GPS and wireless Comm
  - Access to technical support

Two Piece vs. One Piece GPS

Tracking Capability	Bigger antenna = better tracking Bigger Unit = more difficult to put in hard to track places GPS turns off when not in motion	Always in motion, always tracking
Spoofing	Motion detector provides most effective means of determining when unit is being moved without GPS Can be scheduled, eliminates false alibi	"layered location technology" is a buzz word. Not as effective as motion detector. Can be masked. Cellular assisted tracking is not universally available and requires connectivity.
Battery Life	48 hours, 50 meter tether while charging	<24 hours, limited mobility while charging
Convenience	70 gram Tag. Tracking device may be carried in a hand bag, back pack, etc.	230 gram Tag. Much larger than a conventional tag
Loss Stolen	Offenders lose less than 1% of our tracking devices, most is intentional loss	
Tag Leave	Less than one violation/offender /day	With RF link: Same Issue Without RF Link: May go undetected
Communication with subject	Text Messaging with the subject with acknowledgement of receipt	No Communication

ProTech

Keys to a Successful GPS Program

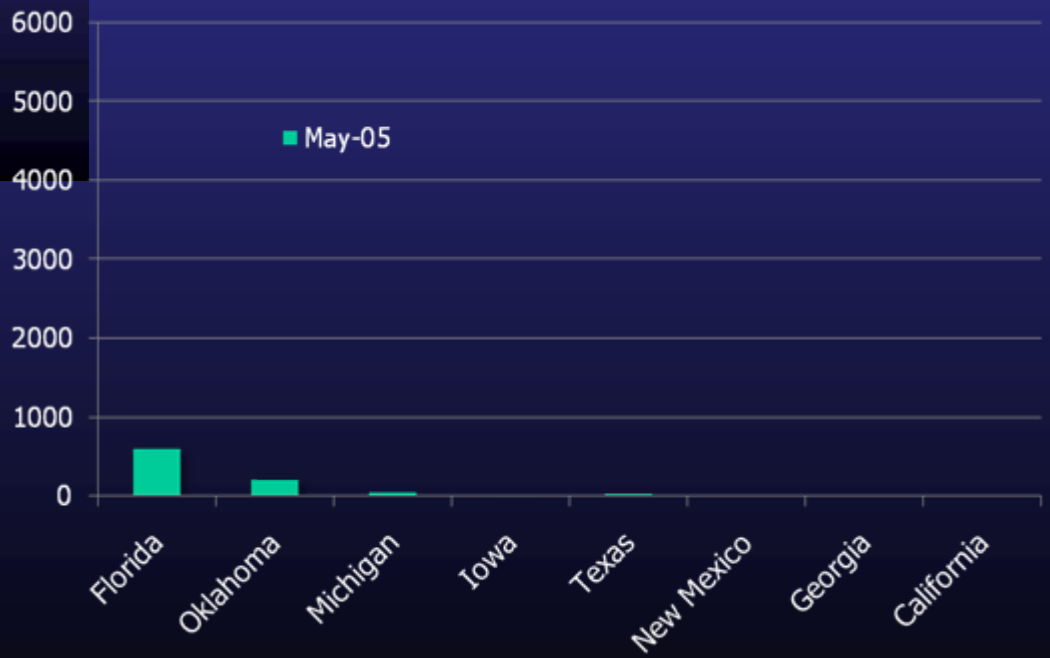
...from the Vendor's Perspective

- Gov't Personnel Committed to the GPS program
  - Recurrent training commitment
  - Full time users of the system
  - Trust in the equipment
- Established GPS procedures
  - Not modified RF procedures
- Match the supervision level to suspect
- Established consequences for the suspect
  - Rule violation
  - Mistreatment of the equipment

Projections from 2005 CEP Presentation

Impact of the New Legislation

- Florida Program will likely grow to 2,400 tracked offenders in the next 18 months and 5,600 offenders by 2008
- Oklahoma will likely be tracking more than 200 sex offenders by years end (new program)
- The number of offenders tracked in the US will likely more than double in the next 24 months
- More tracking of other violent offenders
- More emphasis on offender pay and full service programs
- Increased effectiveness of Crime scene correlation systems



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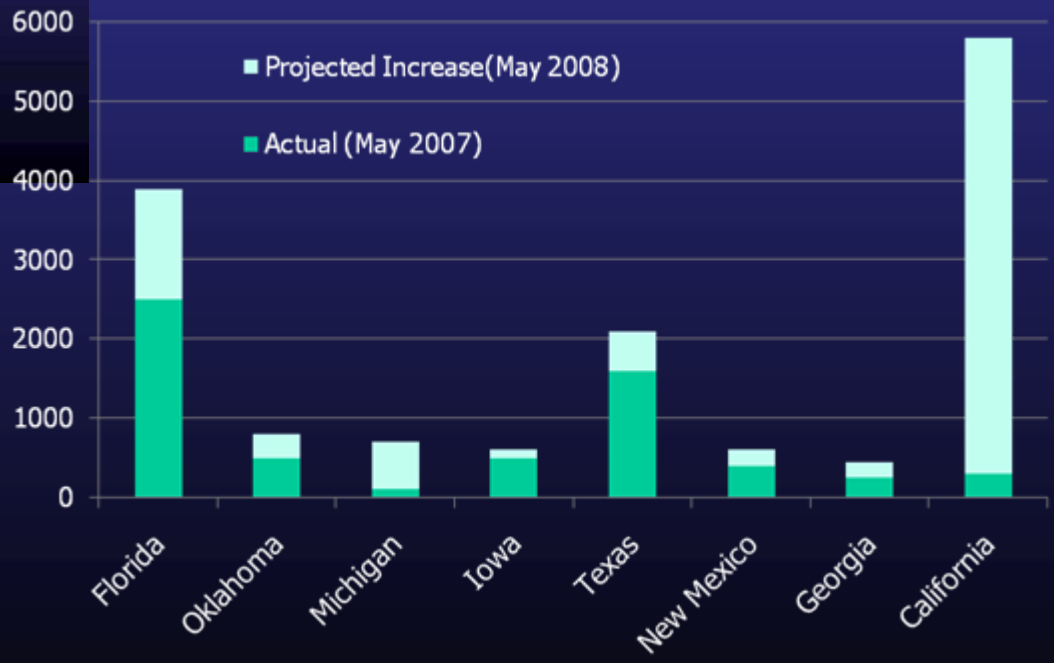
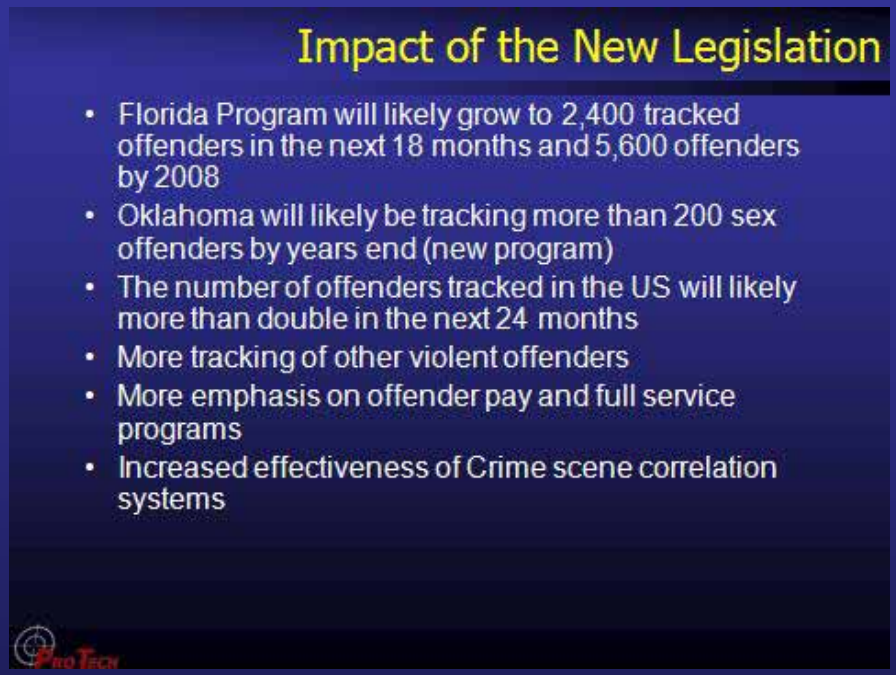
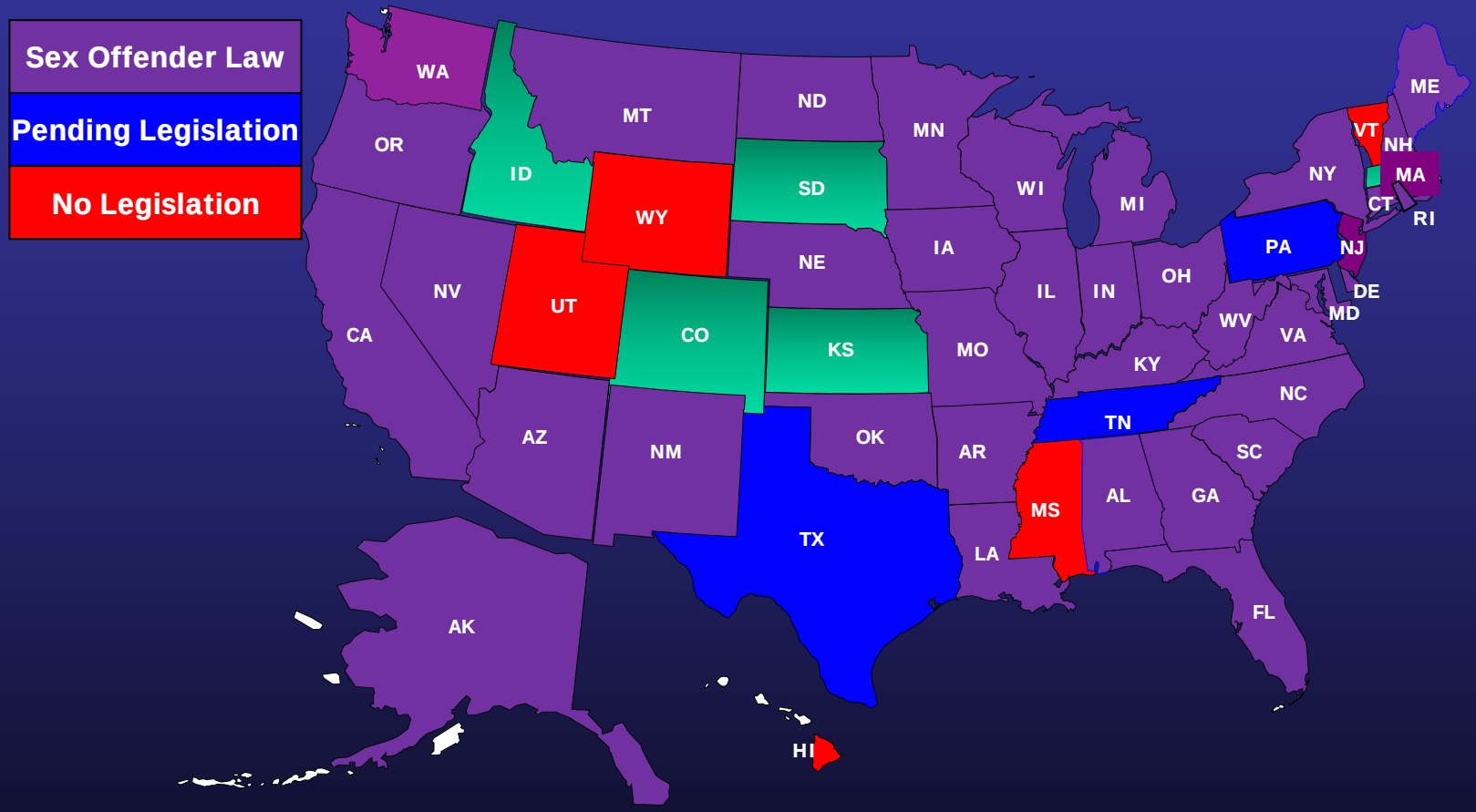


Update from 2005 CEP Presentation



- GPS is widely accepted as a tool for sex offender management
- Jessica Lunsford Law's are increasing GPS utilization
  - Heightened public awareness
- Effectively utilized as an alternative to incarceration for certain subjects
  - ➢Jail overcrowding
  - ➢Pre Trial
- Offender pay programs on the rise
- Crime scene correlation in increasing becoming a tender requirement

Sex Offender Legislation Requiring GPS



GPS Trends

- Price of GPS has come down but is stabilized
  - Lower communication costs
  - Hardware cost reductions
  - Economies of scale
- More and more GPS is used as part of an integrated monitoring system
- Law makers and the press do not fully understand the capabilities and limitations of GPS
  - No Heinous crimes committed by an offender while on Pro Tech GPS
- Not just for large agencies
  - Many Local agencies have successful GPS programs
- Jail diversion and pre-trial programs have been high growth areas

Facts

- Fewer than 1 violation per offender per day in U.S.
- Tag gone/curfew violations account for 36% of violations
  - 94% of tag gone/curfew violations clear within 2 minutes
    - Alert grace period may be established to reduce the number of real time alerts
    - T.G. violations of short duration are not false alerts, they are indicators of subject behavior
- Equipment loss rate is less than 2% (tracking devices) per year based on total utilization
  - Offenders lose less than 1% of our equipment per year
  - Officers lose 2.5% of our equipment per year

Summary

- GPS is technology for offender tracking is proven and has been embraced by many agencies
- Not all GPS products are alike or are suitable for the Corrections Market
  - Test multiple products – the technology is proven and sound
  - Understand the capabilities and limitations
- Take advantage of those that have gone before you
  - Many U.S. agencies will share their operational procedures, experiences, facts and opinions