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Electronic Monitoring Technologies

Electronic Monitoring Overview

European Police Congress
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Agenda

- What is Electronic Monitoring of Offenders
- Benefits of Electronic Monitoring
- Types of Correctional Programs
- Product Offering
- Experience in Germany
- Domestic Violence Program
- Company Profile

What is electronic monitoring

- A community based corrections and probation supervision tool which gives an **alternative to imprisonment**
- Movie

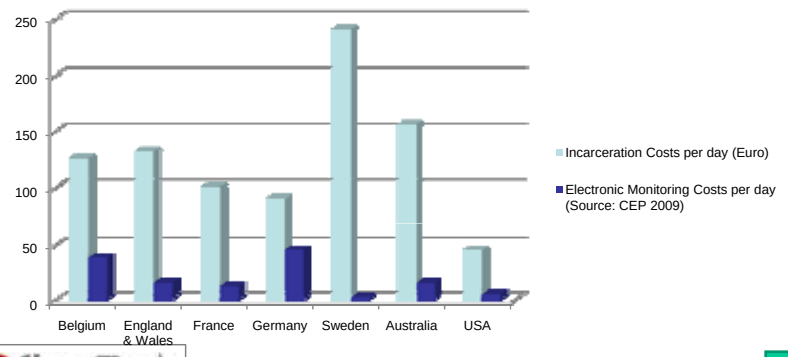
The beginning of electronic monitoring…

Benefits of Electronic Monitoring

- Financial
- Social
- Solution for prison overcrowding

Financial benefits

- **Substantial financial benefits:**
  Average of at least 50% of cost savings over imprisonment



Social Benefits

- Ease re-integration into community
- Strengthen familial support
- Prevent deterioration of familial economic status
- Decreasing number of welfare cases
- Increases supervision of offenders within the community giving a sense of security to the direct environment

Advantages to imprisonment system

- Reduce overcrowding in detention facilities
- An immediate alternative to imprisonment
- The amount of offenders is flexible and easy to adjust to needs
- Facilitate more rehabilitation activities
- Reduce re- offending rates

Types of Correctional Programs

Transmitter

- One of the **building bricks** of any monitoring platform
- The only triple tamper transmitter in the industry
  - Strap
  - Body
  - Motion
- Strong emphasis on
  - Ease of use
    - Flexibility and adjustability
    - Shock resistant
    - Waterproof
  - Low operating costs
    - Long battery life

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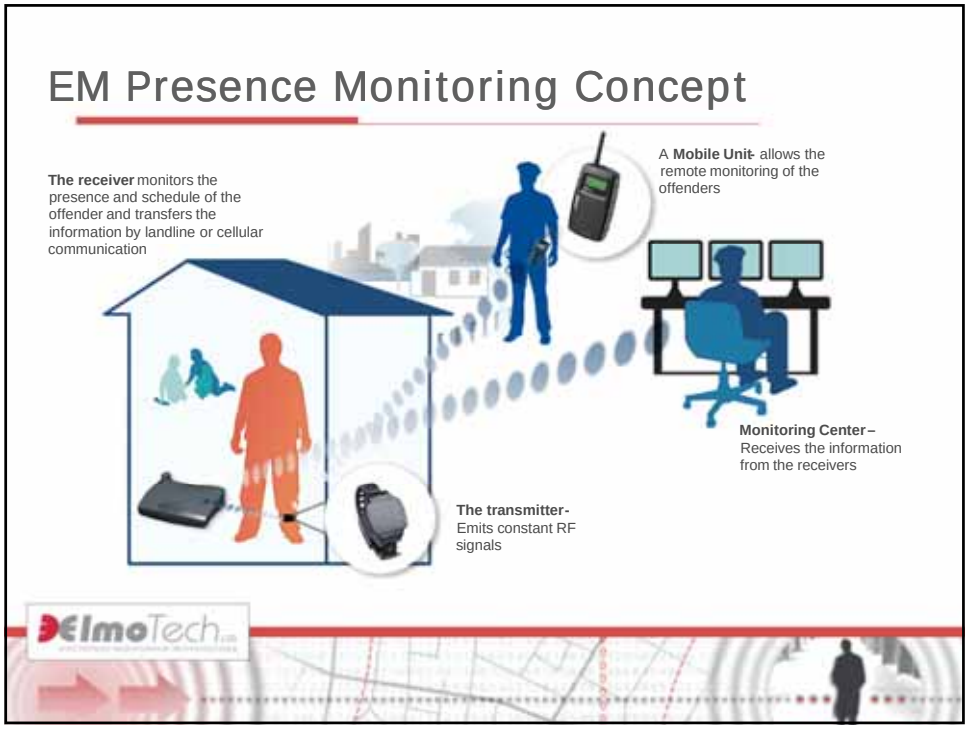
- Voice verification System for Passive Presence monitoring
- RF presence Monitoring using Landline or cellular communication
- Remote alcohol Monitoring system
- Single piece GPS tracking
- Dual piece GPS tracking
- Inmate tracking system

Integrated Platform


EM Presence Monitoring Concept
The receiver monitors the presence and schedule of the offender and transfers the information by landline or cellular communication
A Mobile Unit- allows the remote monitoring of the offenders
Monitoring Center – Receives the information from the receivers
The transmitter- Emits constant RF signals
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1TRACK – Wearable Tracking Device
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Germany experience with EM

- **Hessen**
  - Since 2000
  - RF Basis
  - In cooperation with HZD (Hessischen Zentrale für Datenverarbeitung).
  - Not seen as a punishment but as last chance before prison (Resozialisierung)
  - Short sentence
- **Baden Wuerttemberg**
  - Pilot project
  - Since October 2010
  - GPS Basis with RF combination
  - Early release, short sentence

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Sicherungsverwahrung in Deutschland

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Domestic Violence

- Real time tracking of aggressor's location according to predefine zones and proximity to the victim.
- Provides multiple security layers around the victim while in the residence and on the move.
- The software application monitors all system components
  - Provides automatic and manual alert distribution

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Corporate Business Card

- Founded in 1994
  - Wholly owned subsidiary of 3M ATTENTI
- Focused solely on implementing electronic monitoring technologies and solutions for the **law enforcement** and corrections industries
- Extensive experience in cooperating with government agencies, leading service providers and integrators around the world
- Present in 25 countries world wide
  - 17 countries in Europe
  - US, SA, Pacific

Europe

Austria	Italy	Portugal	Denmark	Luxembourg
Russia	Spain	Belgium	Switzerland	Estonia
Israel	The Netherlands	Germany	Sweden	

Please visit us at Booth B 03…

Thank you!

Sigal Levin