

G4S

# Electronic Monitoring

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Securing Your World



# G4S plc

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- 585,000 staff operating in 115 countries
- £6bn turnover
- Focus on outsourced business processes where security and risk are considered a strategic threat
  - Secure Solutions
  - Secure Logistics
  - People Management
  - Technology
  - Government Expertise



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# G4S Care and Justice Services

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15,000 staff servicing

- Electronic Monitoring of Offenders
- Prisons and Offender Management
- Prisoner Transportation and Court Services
- Children's secure training centres and residential facilities
- Immigration Detention Centres
- Immigration Transportation
- Immigration Case Management and Supervision
- Police Custody and support services

# G4S – Electronic Monitoring

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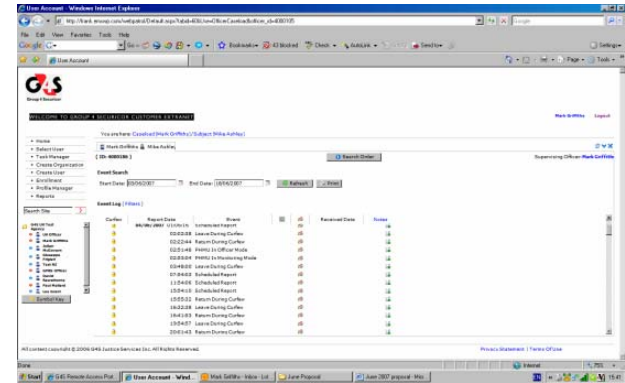
- Over 40,000 offenders monitored worldwide each day
- Largest most experienced provider in the world
- Technology *and* Service Provision
  - RF Tagging
  - Voice Verification
  - Tracking
  - Prison Inmate Monitoring
  - Other emerging technologies
    - Alcohol
    - Drugs
  - Case Management



# G4S Electronic Monitoring Technologies

## G4S Patrol Suite

- **G4S Web Patrol**
  - Web based monitoring system
  - Monitors a range of EM technologies
  - Flexible reporting engine
- **G4S RF Tagging – RF Patrol**
  - Monitors home curfew against agreed schedules
  - Variable range
  - GPRS GSM communication to report multiple alarm types
  - Secure strap with embedded fibre optic cord
  - Mobile monitoring unit (Drive-by) available
- **G4S Voice Verification – Voice Patrol**
  - Used for attendance monitoring
  - System generated calls to agreed locations according to schedules, either at random or fixed times
  - System determines whether voice print is same as original and that it is from the specified telephone line



# G4S Electronic Monitoring Technologies

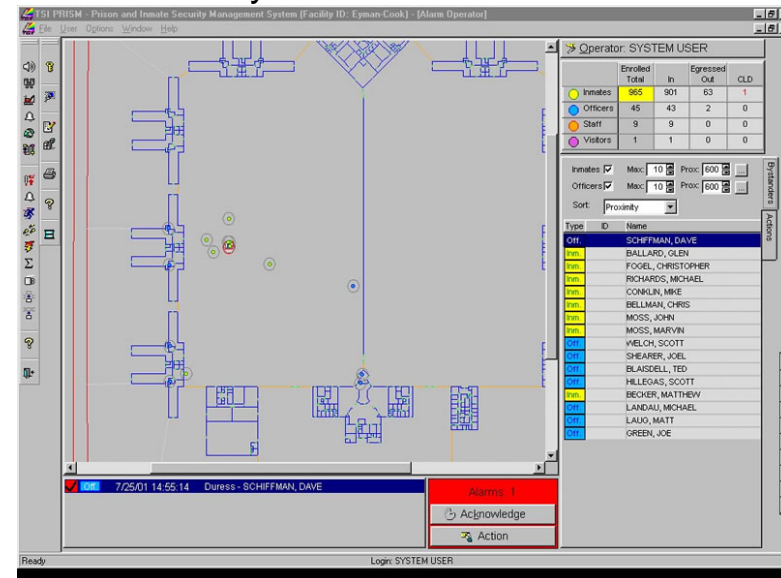
## ■ G4S Satellite Tracking

- Satellites determine position
- GPRS GSM communication to report multiple alarms types
- Normally used to monitor movements retrospectively but can be used to monitor inclusion and exclusion zones in real time
- Requires daily re-charging
- Can be used in conjunction with a separate Home Unit for RF only while at home



## ■ G4S Prison Area Monitoring

- 2 second location updates
- Receivers and exciters installed throughout prison
- Historical and real time data
- Presence monitoring and doorway triggers
- Inmate secure ankle worn device
- Officers have belt worn devices
- Improves prison safety and efficiency



# G4S EM Operations Worldwide

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## 40,000 people monitored every day

- USA
  - 26,000 in virtually every state; Federal, State and Local levels
  - RF, Voice, alcohol and GPS Tracking
  - Case management
  - Range of monitoring services
- England and Wales
  - 11,500 in three regions
  - RF and Voice
  - Full monitoring services – largest in the world
- Northern Ireland
  - Just commenced
  - RF
  - Full monitoring services
- Israel
  - 1,000 RF full monitoring services – Ministry of Interior
- New Zealand
  - 1,000 RF for Community Detention Court Sentences
  - Some monitoring services
- Australia
  - 350 RF for South Australia Department of Correctional Services
- Austria
  - RF pilot – Ministry of Justice
- The Netherlands
  - 350 RF including monitoring services
  - Tracking pilots – Ministry of Justice

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# New Developments

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- Recent

- New RF transmitter launched
- New Orion GPS tracker
- Inmate tracking system
- Better access to data
- Statistical Analysis

- Future

- Better, faster, cheaper, smaller
- Remote drug and alcohol testing by exception





# Our VISION is about Service

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- Local G4S operations supporting local customers
- Freeing up existing resources
- Lowering risk; G4S has unmatched experience in full service EM programmes
- Lowering cost; Our training focuses on EM processes alone
- Faster trouble free implementation; Leveraging G4S local and international capabilities
- Resource Investment; Makes available resources and incentives for the programme to grow
- Accountability; Through an output based Service level Agreement
- Added value services



# Added Value Services – a Trusted Partner

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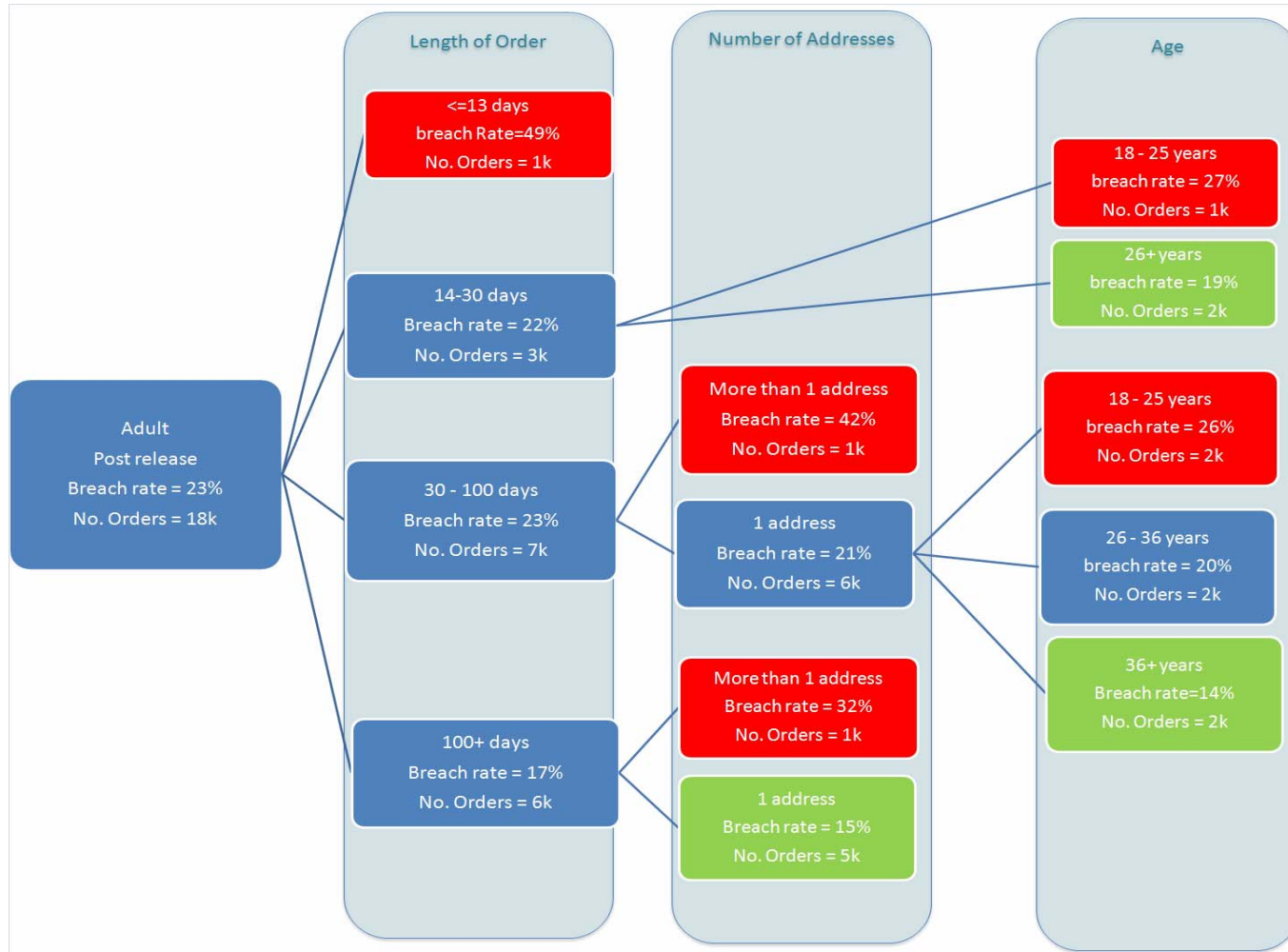
- Strong links with all stakeholders – Courts, Prisons, Police, Probation, and Immigration
- Seminars and hosted visits
- Technology Reviews
- Benefit sharing
- Case Management
- Relationship Modeling for Compliance
  - Statistical Analysis
  - Exit surveys and interviews
- Integrated Offender Management Pilots

# Breach Rate Relationship Modelling

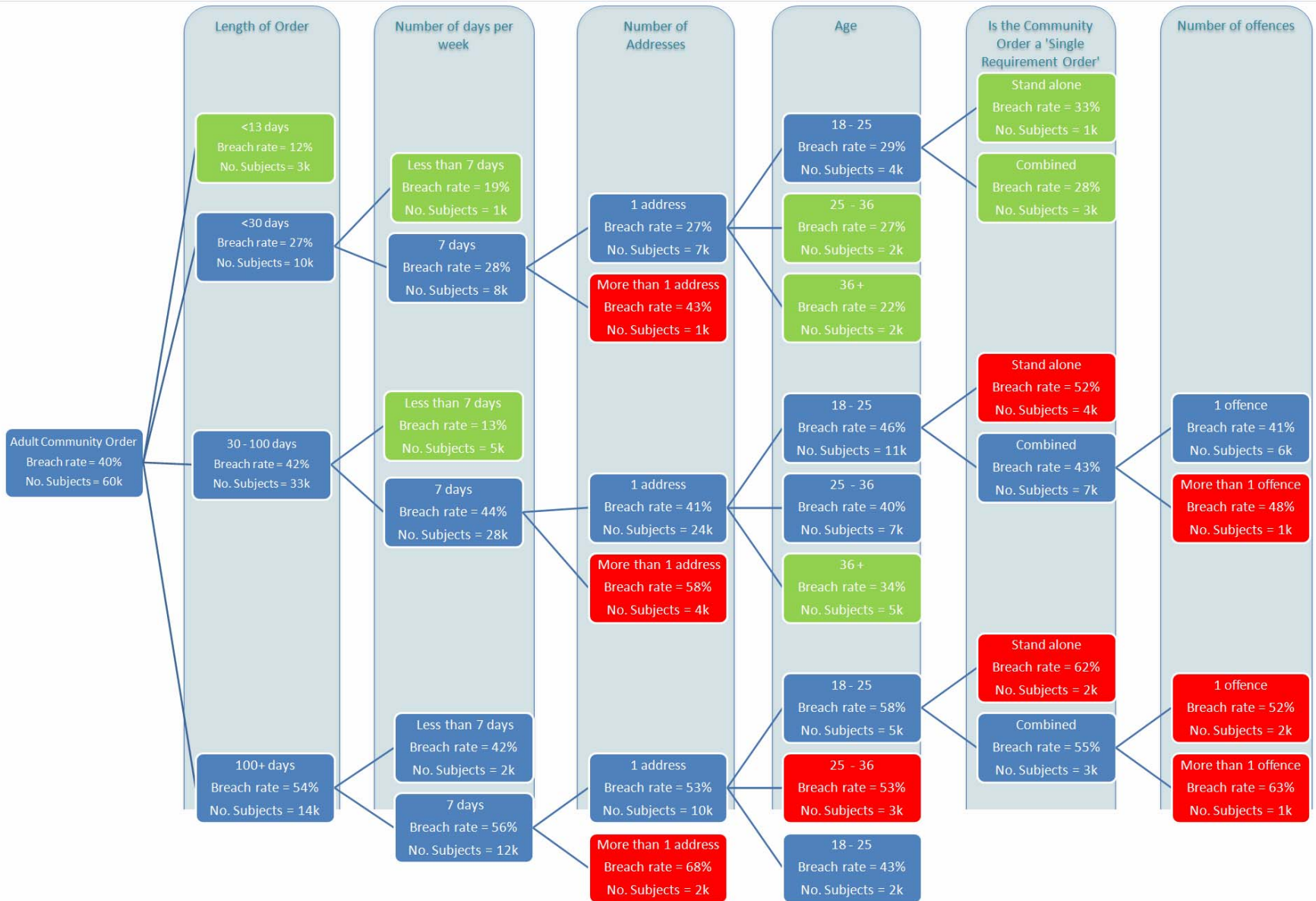
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- 124,000 cases in the UK; Community Orders, Pre-Trial and Post Release (Adult and Juvenile)
- Significant factors identified:
  - Age
  - No of prior offences
  - Single requirement of standalone
  - No of days per week
  - No of addresses
  - Length of order
- Each factor has a different level of impact on each group
- Headlines
  - Pre-trial 1.3x **more** likely to breach
  - Post release 1.3x **less** likely to breach
  - Under 17s 1.3x times **more** likely to breach
  - Over 37s 1.2x **less** likely to breach

# Adult Post Release



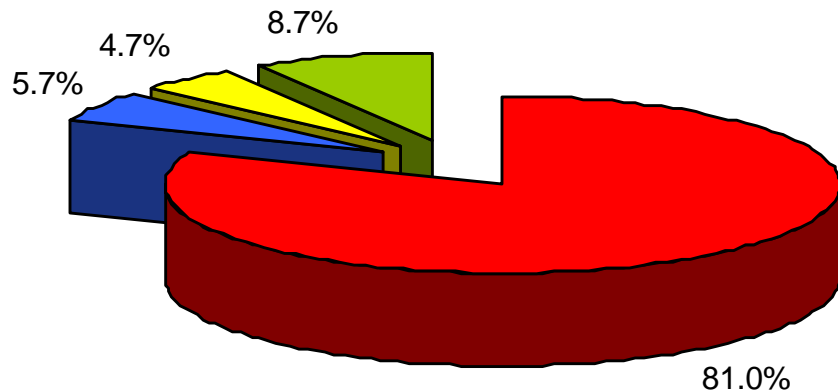
# Adult Community Order



# Impact of curfews: **Reducing Offending**

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## I stopped offending



■ Strongly Agree & Agree   ■ Not Sure   ■ Disagree   ■ Strongly Disagree

In 2008 **81%** of respondents agreed with the statement that being on tag meant that **they had stopped offending**

Source: G4S exit questionnaires received 2008

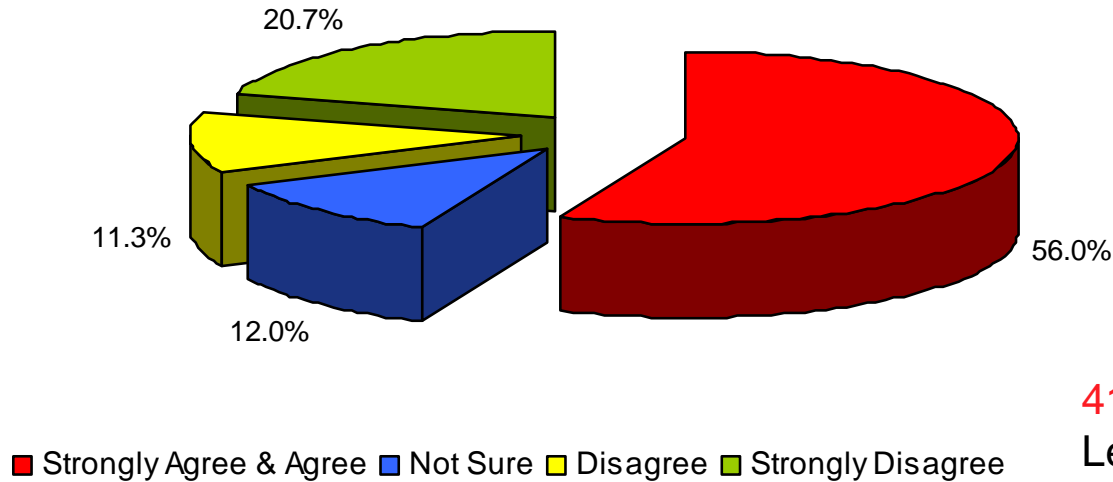
**68%** of offenders interviewed by Leeds University said that they **intended to reduce offending**.

Source: Leeds University Research February 2006

# Impact of curfews: **Reduced Drug Use**

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I reduced my drug use



In 2008 **56%** of respondents agreed with the statement that being on tag meant that **they reduced their drug use**

Source: G4S exit questionnaires received 2008

**41%** of offenders interviewed by Leeds University reported a **change and/or a reduction in their drug use**.

Source: Leeds University Research February 2006

# Impact of curfews: **Reducing Alcohol Use**

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I reduced the amount which I drank

12.4%

11.8%

8.3%

67.6%

■ Strongly Agree & Agree ■ Not Sure ■ Disagree ■ Strongly Disagree

In 2008 **58.9%** of respondents under 18 agreed with the statement that being on tag meant that **they reduced the amount of alcohol they drank**

Source: G4S exit questionnaires received 2008

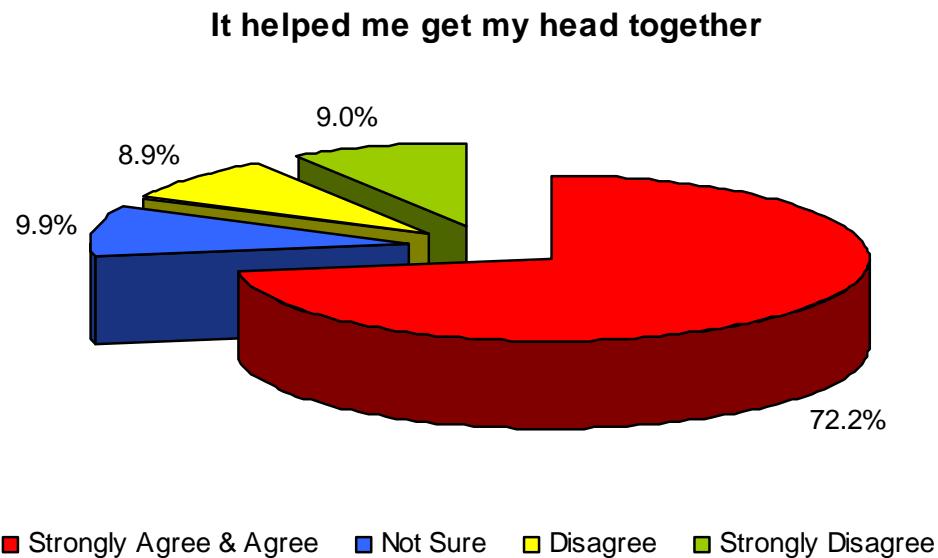
**42%** of offenders interviewed by Leeds University reported a **reduction in the amount of alcohol they drank.**

Source: Leeds University Research February 2006



# Impact of curfews: **Changing Lifestyles**

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In 2008 **72.2%** of respondents agreed that being on tag meant that **helped them get their head together**

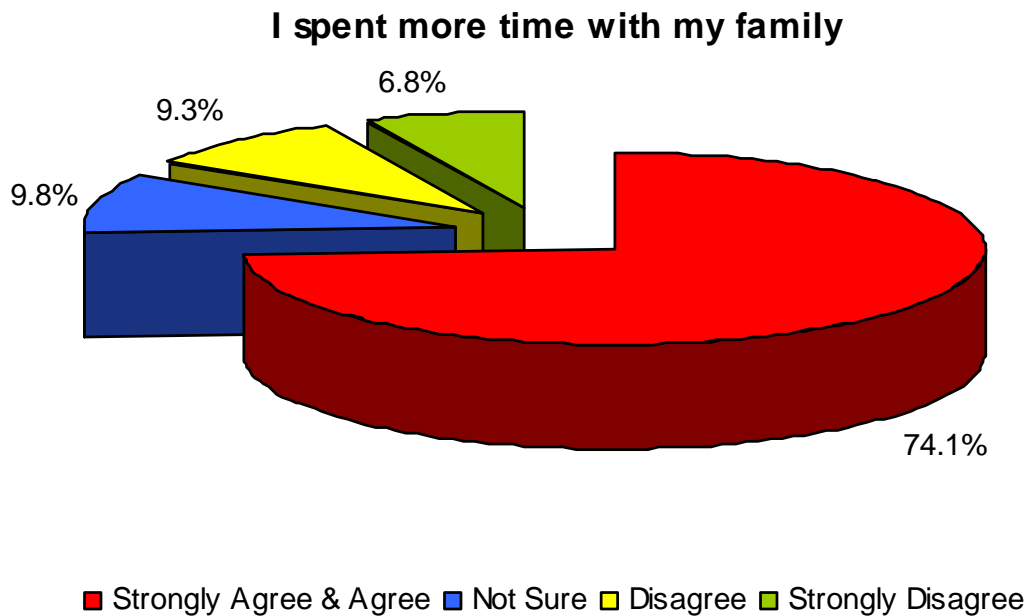
Source: G4S exit questionnaires received 2008

**61.2%** of respondents agreed with the statement that being on tag **kept them away from their friends who offend**

Source: G4S exit questionnaires received 2007

# Impact of curfews: **Effecting Relationships**

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In 2008 **74.1%** of respondents agreed with the statement that being on tag meant that **they spent more time with their family**

Source: G4S exit questionnaires received 2008

Offenders interviewed by Leeds University reported that **relationships improved** and strengthened due to time spent together.

Source: Leeds University Research February 2006

# Integrated Offender Management

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- Co-located within three Police Forces
  - Lancashire
  - West Yorkshire
  - Nottinghamshire (commencing June 09)
- Operational Role
  - Providing daily & real time info on targeted offenders
  - Providing local intelligence units with breach updates
  - Providing statements to facilitate arrests
  - Briefings / training on uses of EM
- Facilitating faster access to EM data / strengthening relationships with Police

# Key Messages

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- G4S is the world's largest and most successful EM Equipment **and** Monitoring Services Provider
- RF, Voice, and Tracking technologies. Constantly innovating
- Web Patrol II is the world's leading Internet based monitoring system
- EM services are key; Private provision enables resources to grow the scheme and help develop stakeholder inclusion
- Range of added value services
- Come and visit our stand
  - Brochures and giveaways
  - 1 in 31 Pew US Study
  - Come and see one of our operations
  - Drinks reception lounge Thursday 18:00
  - Dinner Friday here 19:30



# Breach Rate Relationship Modelling

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- Time to first breach:
  - Adult Community Order
    - 60% who breached orders of less than 30 days, did so within 7 days
    - 34% who breached orders between 30 to 90 days did so within 7 days
    - 73% of breaches which occur in first 2 days are due to 'no shows' for installation
  - Adult post release
    - 39% who breached orders of less than 30 days did so within 7 days
    - 9% who breached orders between 30 to 90 days did so within 7 days.
    - 36% of breaches which occur in first 2 days are due to 'no shows' for installation
  - Adult pre-Trial
    - 78% who breached orders of less than 30 days did so within 7 days
    - 48% who breached orders between 30 to 90 days did so within 7 days
    - 68% of breaches which occur in first 2 days are due to 'no shows' for installation

# Overall Impact

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- Impact varies depending on offenders 'readiness to change'
- Greatest impact for offenders who are thinking or actively seeking to stop offending
- Habit breaking
- Provides opportunity to glimpse an alternative lifestyle
- Little evidence of harm
  - Employment
  - Relationships

Source: Leeds University Research – Feb 2006

# G4S Involvement

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- Co-located within three Police Forces
  - Lancashire
  - West Yorkshire
  - Nottinghamshire (commencing June 09)
- Operational Role
  - Providing daily & real time info on targeted offenders
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# IOM Background / Objectives

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## Background

- Police led initiative - 6 pilot areas
- Multi agency approach to managing offenders in the community
- Partners include Police, Probation, Prison Service, G4S, Drug Rehabilitation, Housing & Health Services
- Generally targeting prolific, acquisitive & repeat offenders

## Objectives of IOM

- Reduce crime, particularly re-offending
- Stop the 'revolving' door cycle for offenders
- Prove multi-agency concept



# Joint Benefits

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- Increased interest and understanding of EM
- Increased Partnership working
- Improved flow of information and breakdown of myths
- Recognition that G4S is willing to play a direct role in day to day Police work and offender management
- Perception of EM and G4S has improved massively as a result of the secondments (evidenced by the Police Secondment Satisfaction Survey January 2009)
- Number of direct interventions and arrests on the back of information supplied
- Exploring creative multi-agency use EM to support chaotic lifestyles of offenders