



12 years of letter service performance measurement & vehicle tracking

EU INFO Day:
Internet of Things and Enterprise environments
18 February 2009

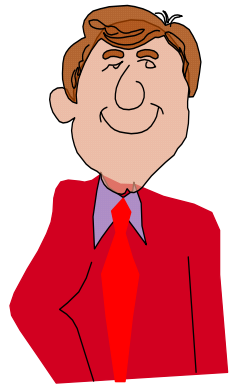
International Post Corporation



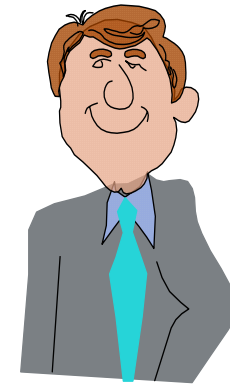
- A cooperative of 24 Posts, founded in 1989
 - 16 European Union Members (15 + HU)
 - 4 Other European
Cyprus, Iceland, Norway, Switzerland
 - Australia, Canada, New Zealand, USA
- Board composed of CEOs
- Common services & project management

Letter mail Performance Measurement

I note the time
of mailing...



...and I note
when it arrives



...and I note
where & when
in between



12 years of RFID experience

- 50 Countries around the world
- Over 800 postal facilities equipped
- Over 7 000 reading points
- 500 000 international letters p.a. + domestic
- Internet-based, centrally managed network
- determines published quality of service data
- controls payments of € billions p.a.
- also used for registering transport arrival / depart
- and for handover of critical documentation

Key RFID tag features

- 3 metres read range
- Sophisticated collision-avoidance >15 tags at same time
- Readable at transport speed of up to 5 m/s
- Readable inside tray and inside a metal cage
- Below 12 grams; fit in a normal envelope
- Thin & flexible to pass through letter sorting machines
- No triggering of sorter metal detectors
- Withstand harsh environments
- Reusable to keep life cycle cost down: >5 year life
- Semi-active 433 MHz tag
- Passive until 'woken' by 125 KHz signal – air transport safe
- Genuine world-wide usage
- 6th generation; >500 000 tags produced so far

Interest

- RFID tag unique features of interest to others
 - Can discuss availability
- Measuring real mail, not just test mail
 - Possible interest in involvement in IP as user
- For more information
 - www.ipc.be
 - john.wells@ipc.be