

## **Technical Reference**

### **Cards and Tags**

#### **Recommendations for Preparation and Use**

*These items apply to all of AWID's hand-held credentials – encoded cards, tags and wafers – for all frequency ranges.*

##### **SOME DOs AND DON'Ts**

###### **Do . . .**

- Treat your card or tag like a valuable instrument – like a watch or a favorite pen.
- Carry the card or tag in a pocket or, if properly equipped, on a chain or strap or ring.
- Use a flexible chain or strap to secure a card that has a slot.

###### **Do Not . . .**

- Don't bend, twist or fold the card.
- Don't use the card or tag as a tool for prying, twisting or scraping.
- Don't use a key ring with any card. Key rings are for the keytags only.
- Don't let the card, if fastened by a retracting cord to your belt, get bent when sitting.
- Don't leave the card or tag on your car's dashboard on a hot, sunny day.
- Don't leave the card or tag in a pocket when washing and drying clothing.
- Don't let your dog mistake the card or tag for a dog biscuit.

##### **SUGGESTIONS**

- Cards may be carried in a wallet or handbag. To read UHF cards, they must be held in the fingers, facing the reader.
- Cards may be used as photo ID badges by applying printed overlays, or by printing directly on the ISO graphics-ready cards (one or both sides).
- Follow manufacturer's instructions carefully when adjusting printers and laminators. Set the proper thickness for card plus overlay (if used). Adjust for lowest settings consistent with good results. Test a sample card for correct reading.
- When punching slots in cards for straps or chains, follow AWID's instructions and use the Punch Guide card. Printed instructions and a Punch Guide accompany every shipment of punchable cards. Test a sample card for correct reading.
- Remember that all proximity credentials contain precision electronic components.
- Do not be concerned about magnets, electric fields, RF fields, radiation or X-ray. They will not affect AWID's credentials.
- Reasonable care will give your AWID card or tag or wafer reliable performance and long life.