

## Data Collection

### Traditional Readers



Three types of card readers are available; bar code, magnetic stripe and proximity. Readers are available from the most basic to those that offer extended Employee Self-Service (ESS) and manager override capabilities. Organizations without access to an Internet connection can take advantage of modem-based card readers, which will only require a phone line to function. In offline mode, information is stored in a reliable and secure manner until data can be transferred. Whether Internet or modem-based, these easy-to-use devices work well in both single and multiple-site installations.

#### Optional Features

- Ethernet or modem connectivity (dedicated line not required)
- Up to 5 levels of job costing
- User capacity up to 10,000
- Validate user upon clock in/out
- Allocate tips and piece work
- Rechargeable back-up battery
- Extreme environment enclosures
- Relay capabilities to unlock/monitor door activity and signal bells
- ESS capabilities; access accrual balances, view schedules, etc.
- Wand compatibility



The Prodigy from Accu-Time Systems, Inc. connects directly to the Internet, includes job costing and select ESS features while offering an intelligent, stylish, and sturdy casing. Data can be collected through magnetic, barcode, or proximity card readers, or an optional biometric finger scanner can be attached.



Magnetic, Barcode, and Proximity Card Reader



Magnetic Card Reader

### Biometric Identification



These biometric devices, which are all Ethernet compatible, identify an individual by examining a unique physical characteristic such as a fingerprint, hand geometry, eye pattern, voice or dynamic signature. Use of biometric authentication eliminates hassles such as buddy punching or the potential for lost employee ID badges. Certain devices are also available that combine biometric functionality with a built-in card reader.

#### Optional Features

- Direct connectivity to the Internet
- Up to 5 levels of job costing
- User capacity up to 5,000
- Memory upgrades available
- Validate user upon clock in/out
- Extreme environment enclosures
- Relay capabilities to unlock doors, monitor door use and signal bells
- ESS capabilities available directly from certain devices, i.e. enter department changes, view schedules, etc.



Fingerprint Reader



Fingerprint & Magnetic Stripe Reader



The HandPunch 3000-E from Schlage Recognition Systems recognizes individuals based on the distinctive geometry of the top of their hand. The device is a biometric alternative that accurately measures an employee's time and handles up to three levels of job costing.

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### Mobile and Offsite



Mobile and offsite devices, as well as telephony, allow users to capture time remotely. With fast and reliable data capturing capabilities, devices geared toward mobile and dynamic workforces vary from wireless barcode readers to telephony solutions, which require no additional investment in hardware. Telephony allows users to collect real-time data from a touch-tone phone.

### Optional Features

- ▶ Job costing available
- ▶ Hold up to 70,000 scans before data must be transferred
- ▶ Protective carrying case
- ▶ Unlimited user capacity for telephony and personal handheld device entry
- ▶ Telephony and personal handheld devices require no additional hardware
- ▶ Restrict locations and specific dial-in numbers for telephony
- ▶ Complete detailed audit trail that includes caller ID










With the MacSema BC3100, individuals can punch in using the device's wand that scans their employee badges, as well as location or job-related data. The information is maintained in flash memory until data can be transferred.



Cell Phone or Landline



Personal Handheld Device

 Construction	 Manufacturing
 Banking/Financial	 Retail
 Health Care	 Transportation/Warehousing
 Government/Non-Profit	 Education
 Hospitality	

*\*Not all features are available with all devices*