

# meditrak™ scanstation



*meditrak- scanstations* are rugged customized units used for refrigerator access control and monitoring. They are used in conjunction with the *meditrak* software which they communicate with via TCP/IP over the existing hospital network infrastructure.

They provide secure access as well as auditing the movement of blood products in and out of the refrigerators. Each unit provides a method by which the user identifies themselves, options include: -

- Magnetic swipe card.
- Contact less smart card.
- User barcode.

The units control magnetic locks on one or more refrigerators, with optional emergency override switches. Refrigerator access will continue to function should the network connection be lost.

Door switches detect forced entry or door left open; the system can be configured to generate local and/or remote alarms including email, SMS text message and pager alerts.

Optional temperature probe allows continuous recording of refrigerator temperature over time, again with the ability to generate a local and/or remote alarms.

Blood products are scanned into and out of the refrigerator using a CCD barcode reader. The system records via the *meditrak* software the following information: -

- Time/Date
- Status, In/Out of refrigeration
- Current Users
- Refrigerator I.D
- Blood unit I.D

An immediate warning is generated if a blood product is scanned that is not safe to use, this may be because it has been out of refrigeration for longer than the allowed period or has exceeded its expiry date. Blood units may be marked as 'recalled' via the *meditrak* software this will generate a 'Recalled' alarm, should the blood unit ever be scanned.

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The terminals may be used to check a blood unit, the system will tell the user if the unit is safe to use, and how long it has been out of refrigeration.

The scan stations can also be configured to prompt for the patient hospital's number when users are checking blood out of issues fridges. Only if the fridge contains a cross matched unit of blood will the magnetic locks be released. If the user scans the incorrect unit an alarm will be generated.

The wall-mounted units are steel cased and designed to withstand the rigors of heavy use and being situated in a public environment. Key access is required to the mounting screws and as the unit is non-pc based and has dedicated functionality it has no intrinsic to a would be thief.

## *Specifications*

- Physical size: 234mm x 182mm x 65mm. Wall mounted: 265mm x 230mm x 98mm
- Large clear backlit display.
- Standard TCP/IP interface.
- Hand held CCD scanner.
- Magnetic swipe / smart card reader options.
- Temperature Monitoring option, +150° to -150°
- Local alarm option.
- Door sense option.
- Up to 100 scan stations can be connected over the existing network.