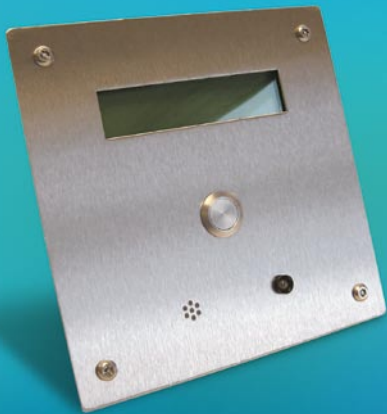




Intercall

cell call



addressable cell call system

The Intercall Addressable Cell Call System is a complete solution designed to meet the requirements of the most recent prison service specifications. All units feature stainless steel front panels with vandal resistant buttons and non-removable LED indicators. Equipment is supplied with stainless steel tamper resistant fixings to prevent unauthorised access.





the future of cell call

Working alongside the UK Prison Construction Unit, Intercall have developed the “Intercall Cell Call System” designed to fully comply with all prison service specifications. The system has been installed into many Prisons, Secure Units and Young Offenders Institutes, who use and rely on the system 24 hours a day.

The Cell Call system includes historical system event recording, with all system activity logged, together with the date and time. All cell call and reset plates are constructed from stainless steel and feature tamper resistant fixings. In-cell plates are tamper-monitored to prevent unauthorised access or tampering and the system is continuously monitored for cable faults, system operation and power failure. There is a wide range of cell and reset plates available to include cell light switching, cell power switching and officer emergency call generation.

Upgrading traditional systems to the new Cell Call standard is straightforward, since the Corridor Reset units are fully compatible with traditional in-cell units. Indeed, many establishments have upgraded to the Intercall Cell Call system by simply replacing the Corridor Reset Unit – without requiring access within the cells.



Intercall 7000 series cell call system



L7018/L7518 staff display unit – provides audible and visual indication of incoming calls, together with system status indication. The two-line backlit LCD identifies the location and priority of incoming calls, and also displays all system status information such as power supply faults, tamper alarms and unit failures. The integral alarm provides audible indication of the alarm priority and can be adjusted to suit the surrounding ambient noise levels. A status LED indicates system healthy and fault/tamper condition.



L7011 cell call point – located within the cell and provides a means of calling for assistance. It features a stainless steel call button with integral re-assurance indication and a tamper monitoring circuit to detect unauthorised access. The call button features background illumination for low ambient light conditions and the plate is manufactured from brushed stainless steel, with stainless steel tamper resistant fixings. The unit is also available with single or twin cell light switches.



L7021 corridor reset unit – located outside the cell to provide the reset function and corridor indication. The unit features stainless steel reset button and a non-removable LED to provide robust, clearly visible indication under all ambient lighting conditions. The unit contains the addressable electronics for connection to the cell call network and the plate is manufactured from brushed stainless steel with 2 x M3.5 stainless steel tamper-resistant fixings.



L7026 and L7046 landing indicator – these are generally located throughout the establishment on landings and/or stairwells, to indicate the status of cell calls at a glance. They are fitted with non-removable large diameter LED's which mimic the corresponding Corridor Reset units. The L7026 features two level indicators and the L7046 features four level indicators. Also available is the L7066 Single Indicator with integral sounder, which may be adjusted to suit the surrounding ambient noise levels.

All units are manufactured from brushed stainless steel with stainless steel tamper resistant fixings.



L7511 call point & L7521 corridor reset unit with intercom – the L7511 is located within the cell and operates in a similar way to the L7011 call point, with the additional benefit that the staff can talk to the caller using the integral intercom. The unit features a call button with integral night time illumination and re-assurance indicator. Plate removal is detected using a tamper monitoring circuit and the intercom speaker and microphone components are protected behind a stainless steel grille. The unit is manufactured from brushed stainless steel and supplied with stainless steel tamper resistant fixings. The unit is also available with single, twin or triple cell light switches.



L7522AN363 corridor reset with isolate facility – located outside the cell to provide the reset function and corridor indication. In addition, the unit provides an isolation facility, which disables the call button within the cell and is shown with a green illumination on the corridor reset unit. The isolation condition is also recorded by the optional data-logger. The unit features stainless steel reset button and non-removable LED's to provide robust, clearly visible indication under all ambient lighting conditions. The unit contains the addressable electronics for connection to the cell call network and the plate is manufactured from brushed stainless steel with 2 x M3.5 stainless steel tamper resistant fixings.



L7322 addressable button – a robust, reliable, simple-to-use unit for use in harsh environments such as prisons, courts and hospitals. The unit features a call button with an integral red reassurance LED and an optional protection shroud to prevent accidental activation. Each call point has a corresponding text location programmed into the system during commissioning which can be altered at any time. The unit can be programmed to generate differing levels of call including Call, Crash Call, Code Blue, GA (General Alarm) or Pegging Point. It is manufactured from robust 1.5mm stainless steel with tamper resistant fixings.



mimic panel – an optional unit that may be located in the custody area to give an indication of the calling cell(s) in a simple one light per cell format. It is manufactured from 1.5mm gauge stainless steel and features a single red LED representing each cell under the control of the custody desk. The unit connects to the Cell Call Network cable, and must be engraved specifically to suit the cell addresses.



bespoke metalwork – the Intercall Cell Call system offers complete flexibility for design and installation. Components are fully modular and can be incorporated into non-standard size metalwork, such as with Cell Call system upgrades. This reduces installation and disruption time and often requires no internal access to the cells. On the left is one example of a special plate manufactured to suit an existing aperture with an additional keyswitch to control items within the cell. Bespoke units are compatible with the digital architecture used within the cell call system, while allowing additional special features to be incorporated.



remote file server – with the simple addition of a remote file server, all system events – including call, emergency, isolate, call accept, tamper and fault – can be easily recorded with the date and time. The file server is generally located in a secure area away from the wing, and one file server has the capacity to record all activity from up to 32 systems located around the site. The information stored on the file server may be retrieved and printed at any time, selected by cell, wing, date or event.



surface mounted backboxes – all Intercall cell call system components can be flush-mounted into standard electrical backboxes or surface-mounted into the Intercall range of surface-mounted backboxes. The robust backboxes are constructed from 1.25mm mild steel with welded corners and are finished in magnolia heat-baked powder coating. The boxes are available in various sizes to accommodate the Intercall cell call equipment. Also available within the range are the anti-ligature backboxes for use within the cell.

system features

| | |
|---------------------------------------|--|
| data logging as standard | all system events are recorded on PC and/or printer |
| individual cell identification | displays show individual calling cell |
| upgrade using existing wiring | re-using existing wiring saves time and money |
| bespoke units | units can be manufactured to suit site conditions & existing back boxes |
| tamper monitored | all in-cell units are monitored for un-authorized removal |
| landing indicators | simple zone lamps to indicate area of call at a glance |
| staff pegging facility | silent recording of staff location with date and time |
| staff emergency call | emergency call can be generated from any cell & corridor unit |
| man down alarm | automatic emergency call can be generated from any cell location |
| optional intercom facility | intercom units are available which allow staff to speak with the calling cells |
| integral cell light control | low voltage cell light switching available in corridor reset units |
| cell power and coax outlets | cell power breaker boxes, cell power outlets and cell coax outlets available |

upgrade existing system

As the system is fully addressable and all units are standard size, it is very straightforward to upgrade a traditional system using the existing wiring – reducing cost and the length of time that the system is out of use. Bespoke panels can be manufactured to suit existing apertures.

typical system schematic diagram

