

iCount unobtrusively provides counting statistics for people and vehicles moving between user-defined areas. The system uses analogue or digital cameras, runs on standard PC hardware and integrates easily with existing IT infrastructures.

- Provides accurate bi-directional and multiple entrance counting.
- Can be deployed in remote environments.
- Provides a high-level of accuracy not available with other tools such as IR or RF beam counters.
- Accurately counts in difficult environments such as wide entrances, irregular shaped areas and convoluted entrances.
- Specifically designed to manage high traffic-flow areas.
- Works indoors and outdoors.
- Robust – once configured, will work continuously with no changes required.
- Runs on standard PC hardware and integrates easily with existing IT infrastructures.
- Can notify personnel or other systems when set count numbers are reached.
- Is fully networked to integrate easily with existing MIS to provide easy-to-use reports.
- Is expandable to incorporate other count environments and locations.
- Can be viewed via remote monitoring.

Scenarios

iCount data can be analysed to provide accurate and timely information in a number of scenarios including:

- Shopping & town centres.
- Theme parks.
- Casinos.
- Exhibition centres.
- Galleries.
- Museums.
- Public transport environments.
- Sporting complexes.

Reporting

iCount fully networks counts from all of your entrances to your existing MIS system and reporting can be customised to any timeframe - hourly, weekly, monthly.

Measurement

iCount traffic measurement enables organisations to analyse, forecast and effectively manage the following:

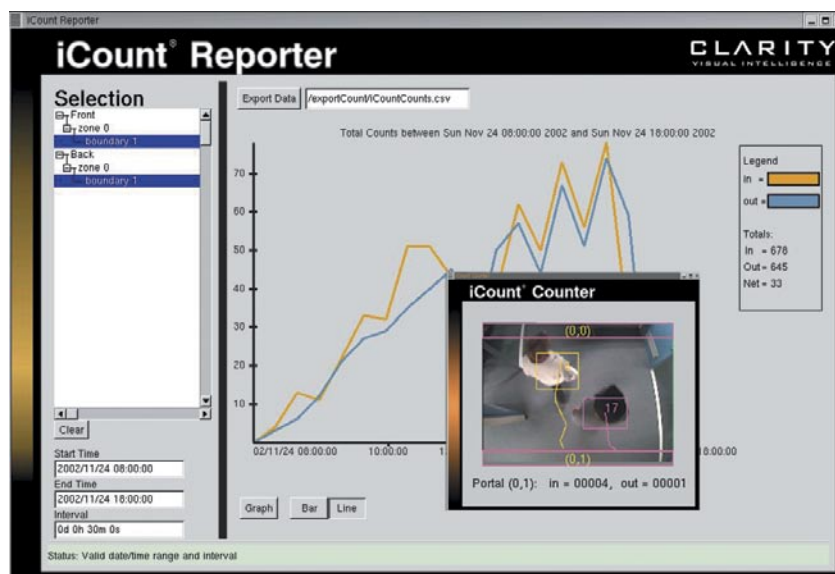
- Pedestrian flow & patterns.
- Staffing levels & timing.
- Conversion rates.
- Rental support.
- Safety & facility management.
- Energy management.

Accuracy

Using advanced computer vision background/foreground segmentation techniques iCount accurately tracks objects through a space in real-time and counts them.

The system is designed to cope with changes in light and regular environmental conditions, continually learning and coping with these changes over time. This significantly reduces counting errors in varying light and background conditions.

Such changes involve lighting variations as the weather changes, reflections, continual movement of trees and water, shadows cast by people and objects, and camera flashes.



Further information

For further information on iCount or other Clarity Visual Intelligence products and solutions please visit www.clarityvi.com
Clarity Visual Intelligence is a technology of the Safehouse Group - www.safehousegroup.com



1. Foreground separation from background.



2. Segmentation of the moving objects.



3. Tracking direction and counting.