

Faster finding and tracking of suspects in multiple CCTV cameras

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Busy places such as train stations, airports and shopping centers are monitored by multiple video surveillance cameras. When a suspect moves through such areas, it can prove difficult to determine where he came from or where he went to. Especially when the camera coverage is not 100% and the white spots in time or space are large. The new system developed by TNO makes it easier to track and retrieve people in crowded situations. The technology was developed and tested in a shopping mall in the Netherlands [1] and live demonstrated in Poland [2]. An operator can track a person more efficiently, with 37% less misses, which is a significant improvement [3]. The re-identification engine was benchmarked on a publically available dataset [4] and it appears to be five times faster than a manual search in a large database.

REFERENCES

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