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CASE STUDY: WHITBY MENTAL HEALTH CENTRE, CANADA

CUSTOMER PROFILE:
Whitby Mental Health Centre (WMHC) is a specialty psychiatric hospital which is focused on the delivery of mental health for a population of 2.8 million residents in an area extending from the east of the City of Toronto, Canada. WMHC employs 1100 staff and has an annual operating budget of approximately $88 million.
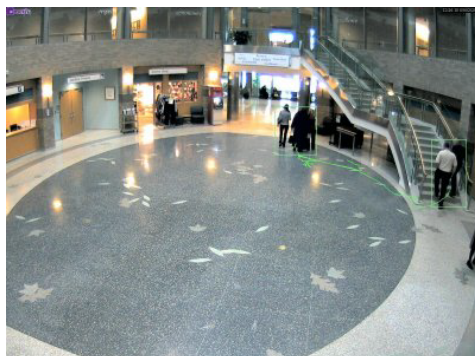
VERTICAL MARKET:
Healthcare

Aimetis in brief:
Aimetis develops video analytic and management software for physical security and business intelligence applications. Aimetis' award winning software represents a quantum leap forward in managing and analyzing video content. Aimetis is headquartered in Waterloo, Canada.

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(Above) Aimetis Symphony™ software recording mega-pixel video.

SUMMARY
Whiby Mental Health Centre selects Aimetis Symphony™ software as its video platform for analog and network cameras while leveraging video analytics to automatically control PTZ cameras, increasing the scalability of security personnel.

BUSINESS CHALLENGE
With the need to expand its video coverage, Whitby Mental Health Centre (WMHC) wanted to slowly migrate to an IP based deployment while still making use of their existing analog cameras. The need to have an intelligent video system with auto PTZ tracking capability was required as timely manual control of the PTZ cameras was not always guaranteed.

SOLUTION
Aimetis Symphony™ software was selected due to its open architecture and ability to support Axis, Panasonic and IQinvision network cameras concurrently. To achieve control of the analog pan/tilt/zoom (PTZ) cameras, an Axis 241Q encoder was used to interface with the analog camera and IP network, allowing Symphony™ to send commands across the network and automatically control the camera as needed. Symphony™ was then configured to automatically zoom in when people were detected around the garbage bins outside the hospital. Mega-pixel cameras from IQinvision were also deployed which gave superior image quality in strategic parts of the hospital where high image detail was a must. "Aimetis allowed us to leverage our analog investment while adding high value features such as auto-PTZ control and mega-pixel cameras," says John Premzell, Fire & Safety Officer, WMHC.

RESULT
- Increased scalability of security personnel
- Improved image quality
- Greater value extracted from PTZ cameras through auto-tracking capability

TECHNOLOGIES USED:
- Aimetis Symphony™ Client & Server
- Axis 241Q encoders
- IQinvision 703 network cameras
- Analog Panasonic WV-CW864 PTZ
- Panasonic WV-NF284 network camera

About Aimetis Symphony™ software

Aimetis Symphony™ software is an advanced Open IP-Surveillance software product with integrated video analytics. Symphony™ simultaneously enables digital video recording, intelligent video analysis and remote access to live and recorded images from any networked computer.

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