



## Exacq Facial Matching

Intelligent Alerts So You Can Respond Immediately

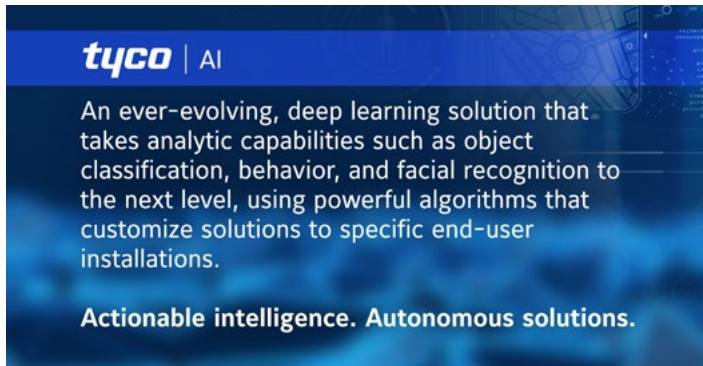
### Protect Premises with Facial Matching

The Exacq Facial Matching - Intelligent Alert solution leverages deep learning artificial intelligence facial recognition to give security teams a critical head-start to react to a potentially dangerous person of interest arriving on site.

Security teams have a highest-order directive to provide safe environments for people, whether it is the attendees of a concert, students in schools or employees at the office. In an environment where terrorism and mass shootings are sad realities, the consequences of failing this directive are high.

### Key Features

- Deep learning facial matching
- Integrated directly into exacqVision
- Works with any camera WITH H.264 stream
- Register faces automatically from triggered events
- Real time notifications via email
- Mobile app push notifications



### An AI-enabled front door host

Enabled by Tyco AI, this deep learning facial recognition engine provides high accuracy facial matching, even with partially obscured faces due to glasses, hats, and varied angles of view.

### Different categories for a customized response

Once registered, a face can be assigned different categories, providing security teams with context to react appropriately to the situation, from a suspended fan trying to sneak into a game, to someone with an active warrant for arrest likely to attempt entering your site. When using the Exacq Mobile app on supported iOS or Android devices, push notifications will also include an image of the person of interest, for additional confirmation of the situation.

### Highly accurate facial matching

Person of Interest databases can be built by importing images provided by law enforcement or through other discovery efforts. Once registered, highly accurate facial matching is performed on all incoming persons even with partially obscured faces due to glasses, hats and varied angles of view. Unmatched faces are discarded, but matches will generate immediate alerts to all relevant stakeholders.

In cases where no images are available, if exacqVision has video of the person of interest from a prior visit, a person can be registered from the Search interface of exacqVision using any video footage that contains a suitable view of the face.

### Automated scanning enhances identification efforts

Technology offers new tools to automate the intelligence historically associated to tasks only trained personnel could perform, and in specific cases exceed the performance of a human. The ability for anyone to continually scan an incoming crowd looking for any of a large list of known persons of interest is very limited, but technology exists to accomplish this task efficiently at scale.

### Scalable deployment

The Exacq Facial Matching solution can work with any IP camera with appropriate H.264 stream configuration. Facial Matching processing is performed on a dedicated server running the Tyco AI software. Software licensing is sold per-camera, performing continuous scanning for matches at entry points. Visit [www.exacq.com](http://www.exacq.com) for details on Tyco AI hardware specifications and contact your authorized exacqVision security integrator for more details.

### Peace of mind with privacy and cybersecurity protection

Tyco AI adheres to the rigorous standards of the Johnson Controls Product Security Program. Johnson Controls takes a holistic, structured approach to help you protect systems and sensitive data from the risk of a cyberattack. Our disciplined governance, expert-driven design, and security-infused development are aimed at providing peace of mind to our customers.

Ever evolving with a commitment to partnership, we provide rapid incidence response to meet the comprehensive needs of cybersecurity environments. Access to the facial matching database is restricted to appropriately credentialed users and faces scanned at entry points that do not match any registration are discarded, ensuring the privacy of the general public.

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### Johnson Controls

Johnson Controls is a global diversified technology and multi industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. We are committed to helping our customers win and creating greater value for all of our stakeholders through strategic focus on our buildings and energy growth platforms.

For additional information, please visit [exacq.com](http://exacq.com) or follow us on Facebook, Twitter, and LinkedIn.

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