

# C&F TOOLING

Large manufacturing site protection with Toccare, Sygno-fi  
by Eurotech and FireBeam Blue



# EUROTECH PARTNER

Judge Fire & Security was formed in 2007 near Galway, Ireland, focusing on providing quality fire safety engineering solutions across the west coast of Ireland.

We came to work with Judge when Michelle Agius, Eurotech MD, met with one of Judge's customers at a Meet The Buyer event. The customer was so impressed with our products and service, they specified us on their hotel fire system installation with Judge Fire & Security. It wasn't long before Judge was one of our firm partners, becoming our first Irish customer back in 2012.

With a strong reputation across the Galway area, Judge Fire & Security was recently appointed for a large fire system installation at C&F Tooling Ltd, also based near Galway.







# PROJECT BRIEF

C&F Tooling Ltd design and manufacture sheet metal products for a range of industries. With additional manufacturing sites in the Czech Republic and Phillipines, their head site is set in the Irish countryside and includes over 6 acres of warehousing and manufacturing space.

With no existing fire safety system in place, insurance company conditions instigated the process of protecting the site and its employees from the risk of fire. A fire risk assessment conducted on the site identified the category of fire alarm required, as well as any areas of concern that needed addressing. We conducted a comprehensive site survey alongside Judge to determine the best equipment to suit requirements and design a fire system that would protect the building and occupants, taking into consideration all risks from manufacturing processes.





With 18 different areas identified within the building, a network of 3 Toccare One panels was chosen alongside Sygno-fi by Eurotech wireless detection and FireBeam Blue optical beam smoke detection.

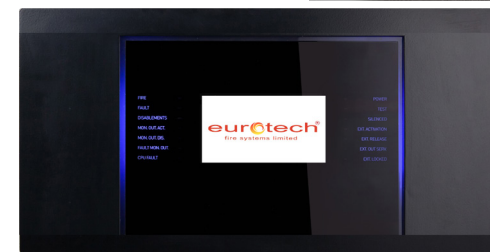
# tccare by Eurotech

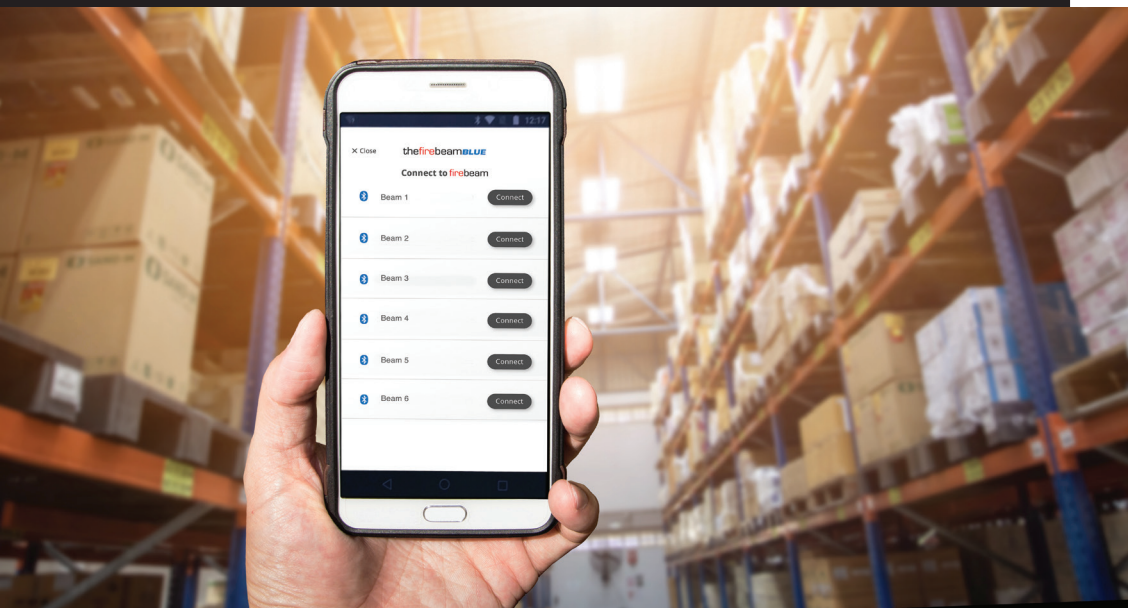


The Toccare Intelligent Touch Screen Panel is the world's first fully touch screen, EN54-certified fire alarm panel.

Compatible with both wired and wireless detection or a hybrid mix of both and the ability to facilitate up to 240 addressable devices per loop, the powerful Toccare® Fire Alarm Panel is an intelligent choice for any large, upscale building requiring an aesthetic yet robust, accomplished fire safety system.

-  Expandable up to 9 loops, with up to 240 devices per loop.
-  Connect up to 128 panels on a network loop to manage huge systems with more than 250,000 devices.
-  Up to 192 logic detection areas and 96 logic functions for cause and effect programming.
-  56 zone LEDs as standard for the UK and Ireland.






# firebeam **BLUE**

Using the same technology as the firebeamXtra, firebeamBLUE inherits the same reliability and benefits and has an unbeatable range of up to 160 metres. The only difference is that it's fully controlled and commissioned with a user-friendly app.

Fire Beam technology is more cost-effective than spot and air sampling systems. For example, just one beam can be used instead of 16 spot detectors so cost savings across a system installation can be considerable. Wiring to a single head also saves time and money over fitting metres of air sampling tubing. Set-up is quick, and perfect every time as the Fire Beam continually monitors any movement, re-aligning itself automatically, eliminating the need to revisit site for re-alignment issues.



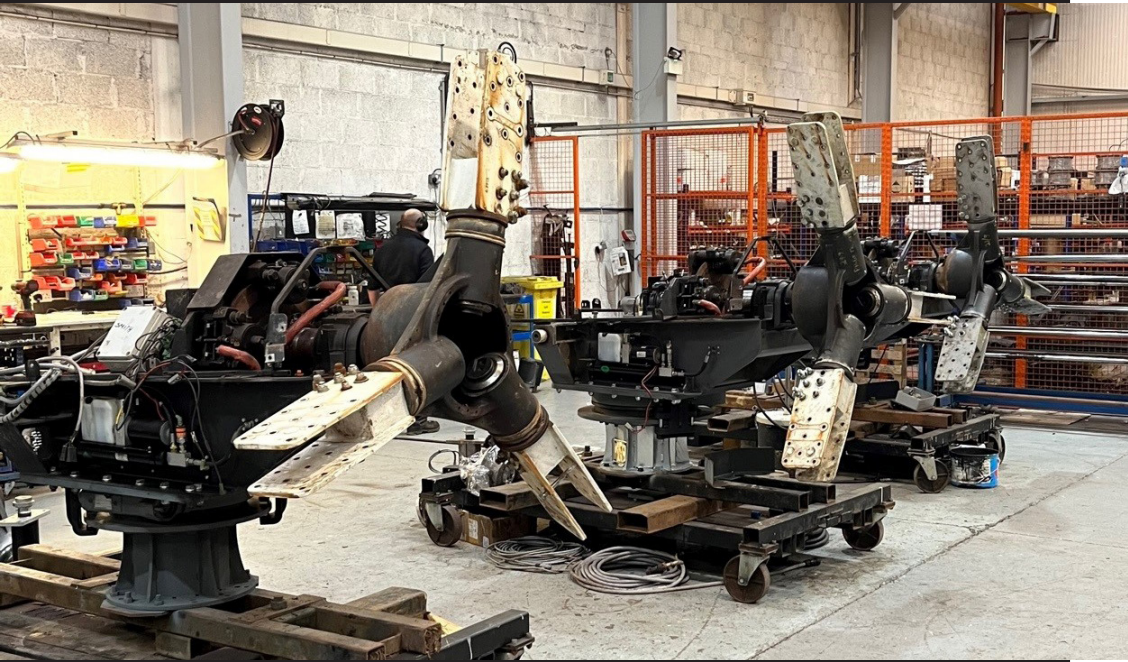




“Their level of service, extensive product knowledge, technical support and commitment to fire safety has been consistently high, and I’m confident in their partnership with Judge to continue delivering service excellence on future projects in the coming years.”



# SUMMARY



Eurotech supplied a comprehensive Toccare and Sygno-fi by Eurotech fire detection and alarm system, with FireBeam Blue technology to protect the 6 acres of warehousing and manufacturing space at C&F Tooling.

With expansive site surveys, we worked in partnership with Judge Fire & Security to ensure the system was designed, installed and commissioned to ensure full compliance with industry regulations and met insurance requirements, as well as protecting the building, machinery and employees.

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Eurotech have personally assisted me on all our fire projects over the last decade, and it's been a pleasure to deal with them.

Micheal Judge - Judge Fire & Security

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Micheal Judge at Judge Fire & Security says: “This is my last project before I retire and hand over the reins of Judge Fire & Security. Eurotech have personally assisted me on all our fire projects over the last decade, and it's been a pleasure to deal with them. Their level of service, extensive product knowledge, technical support and commitment to fire safety has been consistently high, and I'm confident in their partnership with Judge to continue delivering service excellence on future projects in the coming years.”



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Fire Industry Association



Assessed to ISO 9001  
Cert/LPCB ref .1213