



BlueLight[®]

RFID to the Rescue

CASE STUDY

CSS Limited and their Pro-Cloud BlueLight solution partners with Zebra Technologies, providing the best in class asset tracking software and the RFID to match for the blue light sector.

The Pro-Cloud BlueLight Solution

Pro-Cloud BlueLight, CSS's cloud-based asset management platform has been designed to be configurable for today's blue light services. This digital solution gives full visibility and traceability of audited assets from cradle-to-grave, effectively managing and automating their associated maintenance and testing workflow schedules, ensuring compliance measures are always met.



The CSS team of experts are always working hard to bring the best developments and technologically advanced offerings to their clients with RFID technology being no different. RFID is innovation at its finest, ensuring asset tracking and inventory checking of vital everyday emergency equipment is always accurate and key asset activities are completed without fail.

RFID - Protecting your most valued assets

When using RFID tags, we can guarantee time spent tracking your inventory will be reduced. The tags are attached to equipment to give them a unique digital ID that can be read by RFID readers, used by your teams to easily identify, constantly track, capture and record data from any asset.

- ✔ Integrate RFID technology with the Pro-Cloud BlueLight asset management system and ensure critical kit is always protected such as breathing apparatus, personal protective equipment, clothing and more. By recording every movement, loss of kit will be reduced, and data accuracy improved.
- ✔ Optimise health and safety processes by scheduling key equipment tests, syncing information to the Pro-Cloud BlueLight platform in real-time. All data will be retained and catalogued digitally for audit purposes - no manual paper trails necessary.
- ✔ Accelerate your repairs, as workshop equipment can be continuously tracked by using RFID, enabling swift resumption of kit usage.
- ✔ Maintain updates on your ERP solutions through Pro-Cloud BlueLight's integration capabilities. The solution automates ordering against pre-determined low and high stock levels to ensure appropriate quantities, resulting in better budget management.



A Hybrid Solution - Barcoding Options

Pro-Cloud BlueLight can also be used as a hybrid solution and is compatible with not only RFID tags but also a multitude of traditional barcoding solutions such as GS1, QR codes and NFC, enabling key product information to be shared between all parties in a supply chain. All barcoding options automate data collection, but unlike traditional methods RFID readers can read multiple RFID tags simultaneously, reducing human interaction, increasing efficiency and saving time for you firefighters.



The data collected from any method above shows where an asset is, who has moved it and why, where it is being used and if it has passed or failed recent tests. Over time trends emerge such as higher than normal asset failures in certain areas, how different stations are performing, and the level of stock purchased by location. These insights allow a service to improve supply chain management, ensure stock is being utilised correctly, pinpoint overspend, and make better procurement decisions.

RFID fixed readers

The CSS team are delighted to announce that RFID fixed readers can now also be used with the solution. RFID fixed reader capabilities are the next level in inventory management as this enables an instant reading of an entire inventory, ensuring vital assets are never missed. Fixed readers help achieve maximum asset visibility, increase efficiencies and streamline the flow of equipment through your stations.

Zebra - Market leaders in hardware products and solutions

CSS's RFID offering would not be possible without the best products and solutions. Zebra Technologies have an unrivalled global leading portfolio to support day to day operations and service provision. CSS is proud to be a Zebra PartnerConnect Business Partner and RFID Specialist, which enables them to offer competitive products and support to all their contracts from day one.



Zebra has an influence in the blue light sector and has a range of solutions specifically designed to transform and support digitally enabled fire and rescue services in preparation for challenges ahead. All data and assets are captured by easy to use Zebra Mobile scanners, enabling your teams to record RFID tags with the minimum of fuss. And, to further reduce disruption, RFID solutions can be accessed in the cloud with handheld scanners and the Pro-Cloud BlueLight mobile app.

Accurate equipment labelling is paramount to seamless asset management, which is why CSS only procures Zebra specific labels that are durable enough for blue light environments and can be printed on a range of RFID printers.

