



**Fire & Explosion Protection**



## **Tyber Medical and SSI a Partnership in Protection**

Tyber Medical LLC, is an orthopedic device manufacturer that was founded in 2012 and moved to the Lehigh Valley in 2015. The orthopedic device manufacturer is addressing the industry's need for rapid access to FDA cleared and CE Marked implants in the spine and extremity/trauma markets.

They manufacture disc spacers that are called "wedges or spacers" along with ankle trauma products, plates and screws. The screws are color coordinated to allow the surgeon to know which one they are placing into the patient.

SSI has installed and is servicing FireTrace Mirco Fire Suppression in (24) of their production machines providing fire detection and suppression. SSI is currently installing (4) additional systems in new equipment required to meet Tyler Medical's rapid expansion.

The FireTrace Mirco Fire Suppression systems installed in the machinery are the "Indirect" systems from Firetrace. These systems have a polymer tube that is placed inside the machine to provide detection of a fire. When the temperature near the tube reaches approximately 300° F it will burst and release FM-200 clean agent through discharge nozzles for the total flooding of the protected area inside the machine. The fire is extinguished in seconds. After replacement of the tubing and refilling of the tank, the machine is placed back into operation.

Tyber Medical continues to look at strategic expansion of their manufacturing facility in the Lehigh Valley. SSI looks forward to working with Tyber Medical to continue providing their fire protection and suppression needs.