

INTEGRATION The Most Important Manufacturing Business Choice ShopFloorManager	20 years Proven Solutions for Manufacturing Phone: 1-781-494-4500	Machine Monitoring Machine Monitoring Machine Monitoring	<input type="button" value="eSelect"/> <input type="button" value="Search"/>
	Fax: 1-781-494-4565 Download ShopFloorManager	ShopWireless™ FOR Version ShopWireless™ Make sure your Shop can meet the Challenges of the 21st Century Enable your Manufacturing Personnel to Think and Act Lean! A ShopFloorManager™ Product for Propelling your Shop into the 21st Century Supports Windows 8™, Windows 7™ & Windows™ XP including Support for Terminal Server 2003/2008/2008R2	
ShopWireless™ provides an Integrated Open Architecture where Secure, Standard Based Wireless Hardware and Software are joined together with ShopFloorManager's renowned Software Products helping You Comply with a 21st Century Integrated Wireless Machine Tool Monitoring and Communications System while providing the Infrastructure for other Wireless Devices.			
ShopWireless includes Access Points and Installation Kits including Twisted Shielded RS232 Cables for Internal and External Installations in any type of Machine Tool. There is also Wireless Hardware for Ethernet Based Controllers.			
ShopWireless™ an Integrated Support Module			
Standard			
Security WAP and WEP Supports	Security WAP and WEP Supports <ul style="list-style-type: none"> ShopWireless comprehensively secures the wireless infrastructure with leading-edge encryption, authentication, rogue access point detection and WLAN intrusion detection. WEP 54-bit/128-bit data encryption WPA, WPA2 802.11i Enterprise mode and Pre-Shared Key (PSK) mode Encryption Not be Snooped/Scanned 802.11g, 802.11n & 802.11ac 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac & 802.11k 802.11r 		
Cabling! An Expensive & Slow Speed Infrastructure	Cabling! An Expensive & Slow Speed Infrastructure <ul style="list-style-type: none"> The cost of installing RS232 cabling & infrastructure can be prohibitive besides locking your Machine Tool into a confined area which results in an inflexible, inflexible configuration. Long runs of Cabling limit the speed of data transmission and can result in data starvation. The recommended baud rate for RS232 Cabling is 3000 baud! Wireless communication can reach over 54 MB/s (IEEE 802.11a, IEEE 802.11g) well above the limits of RS232 Cabling! 		
Wireless Meets The Basic Tenets Of Lean Manufacturing	Wireless Meets The Basic Tenets Of Lean Manufacturing <ul style="list-style-type: none"> One of the basic tenets of Lean Manufacturing is the need to reduce production time and costs. A Wireless communications infrastructure allows companies to move their Machine Tools quickly to create lean Cells without adding additional Cabling Infrastructure which adds to direct and the indirect costs. The Tenet of "Continuous Improvement" is another Wireless goal! RS232 Cabling limits the speed with which Data can be sent to your Machine Tool. Wireless is virtually instantaneous meeting any Machine Tool Future Communications Requirements. The use of a Wireless Network reduces the effective length of RS232 Cabling by just a few feet thus avoiding the transmission errors that are inherent in longer RS232 Cables. This also allows you to use maximum Baud Rates. 		
Safety	Safety <ul style="list-style-type: none"> Installing RS232 Cabling in a Shop can result in several hazards: <ul style="list-style-type: none"> Loose Hanging Cables Tripping Contact for Electrical Storm (Lightning Strikes) Contact for Electrical Faults Accidents Installing Cable Infrastructure 		
Mobility	Mobility <ul style="list-style-type: none"> Access to your information anytime, anywhere and anywhere! ShopWireless enables high-performance mobile computing without compromising the confidentiality, integrity or availability of information. Take your laptop into the shop and look at the data being collected at your Machine Tools while being "On-Wireless"! ShopWireless comprehensively secures the wireless infrastructure with leading-edge encryption, authentication, rogue access point detection and WLAN intrusion detection. 		
Copyright 2014 ShopFloorManager All Rights Reserved ShopFloorManager Registered Trademark of C.O. Click here for ShopFloorManager	C/O CAM Integration, Inc. 200 Main St. 602 Marlborough, MA 01454	Contact Information Phone: 1-781-494-4500 Fax: 1-781-494-4565 info@shopfloormanager.com	