The award-winning product benefits every department in a manufacturing facility, from the shop floor to the management suite. Getting and sharing information will be as intuitive and non-threatening as using a smartphone or playing a video game, but glasses do not distract from a task like handheld devices. For example, a new machine operator watches YouTube training videos while at the machine, supplementing his training program. A machine operator sends an email to the maintenance staff as soon as he sees a problem. The CEO travels the shop floor, getting accurate real-time machine data and comparing it to the company's accounting, quality control, sales and engineering data. Project managers evaluate workflow and machine readiness before scheduling future work. They will access 100% accurate data and share information with their customers to ensure smooth delivery between vendors. The maintenance staff becomes even more astute at monitoring machines and they respond quicker to problems while developing stronger preventative maintenance programs. With Google Glass, they can “see” instruction manuals overlaid on the equipment when installing or repairing machinery. The sales staff provides guided Google Glass tours, impressing prospects with the capabilities of the facility and helping them visualize the final product.

Google “MTConnect Glassware app” at www.youtube.com for a demonstration.

About ITAMCO
Since 1955, ITAMCO has provided open gearing and precision machining services to many heavy-duty industries including mining, off-highway vehicles, marine, and aviation. Learn more about ITAMCO at www.itamco.com or call (574) 936-2112.  ●

Joel Neidig uses the MTConnect Glassware app on the shop floor at Indiana Gear.