ATTENDEES: Aaron Koats-YASH Technologies, **Adonica Randall**-Abaxent, **Amy Kox**-NWTC, **Ann Franz**-NEWMA, **Barb LaMue**-New North, **Bob Webb**-Cellcom/Nsight Telservices, **Brent Leland**-High G, **Bruce Wisnefske**-Sargento, **Chris Lipski**-Vantage/Abaxent, **Chris White**-CMD, **Dan Mincheff**-NWTC, **Dave Downey**-KI, **Debbie Thompson**-NWTC, **Eric DeKorne**-Greater Green Bay Chamber, **Gerry Aase**-SNC, **Greg VandenLangenberg**-Amcor, **Jill Thiede**-NWTC, **Joe Audette**-Suburban Enterprises, **John Irwin**-MTU, **John Katers**-UWGB, **Mark Kralovec**-PCMC, **Martin Newell**-Yash/C5MI, **Paul VanDyck**-ProAmpac, **Richard Faber**-PCMC, **Sabrina Robins, Scott Valitchka**-15 Dots, **Steve Straub**-FVTC, **Tim Heyrman**-KI, **Travis Lindgren**-Alliance Laundry, **Uli Unterriker**-Optima Machinery Corp.

WELCOME & INTRODUCTIONS – Ann Franz

UPDATE: DATA ANALYTICS COURSES – Ann Franz
The second cohort completed the class in March. Students had the opportunity to discuss their capstone project and how their learning is being utilized in the workplace. Many students shared that they have increased their data productivity and experienced a time/cost savings, as a result of taking the class. The 3rd Data Analytics cohort, with 75 students, has begun. Another cohort will begin in fall.

APPROACHING TRANSFORMATION – THE ROLE OF TECHNOLOGY
Presented By: Brent Leland, Former CIO at Trek Bicycle & Founder of High G
brent.leland@highgsolutions.com **– Phone (920) 227-5333**

We are entering an unprecedented era of disruption driven by emerging technologies and rapidly changing business models. Many organizations undergoing a transformation will find that their traditional, reactive approach to IT can be an impediment to success. Brent discussed:
- The role of technology in a company. What level (1 to 5) is your company at? Utility, Responder, Problem Solver, Differentiator, *or* Transformer
- What do business leaders want from IT? Discussed areas enabled by technology.
- Ways to increase the value-add. Gave examples of high value technology opportunities.
- Systems of Engagement – Processes need to be fully engaging.
- Systems of innovation offer new opportunities.
- Real-world lessons learned and beliefs.
- **See the attached presentation.**

MAXIMIZING SHOP FLOOR EFFICIENCY WITH DIGITAL RELIABILITY CENTERED MAINTENANCE
Presented By: Martin Newell, C5MI & Formerly the IT Manager at John Deere, mnewell@c5mi.com
Aaron Koats, YASH Technologies – Maximizing Shop Floor Efficiency with Digital Reliability Centered Maintenance
aaron.koats@yash.com **– Phone (920) 419-0531**

Industry 4.0 is driving transformation of maintenance programs. Regardless of the industry, the desire of maintenance and maximum efficiency has been to get earlier notification of a failure to turn an unplanned event into a planned event.
- See maintenance through the windshield instead of the rear view mirror.
- Maximize routine scheduled maintenance windows to include predictive data.
- Minimize unplanned downtime by getting in front of live data. Define maintenance strategies – reactive, preventative, condition-based monitoring, predictive.
- Take advantage of near 100% plant uptime through Digital Reliability Centered Maintenance – DRCM.
- Maintenance 4.0 – Application of Industry 4.0 to operations and maintenance activities.
- ROI as a result of more product flowing out of your operation.
- Companies need to move from 'real time' to 'live' data.
- **See the attached presentation.**

POWER BI – Overview & Uses in Manufacturing
Presented By: Paul VanDyck, Senior BI Analyst at ProAmpac - PRESENTATION

- ProAmpac is a US based, privately held manufacturer of flexible and paper packaging solutions.
    - Company history, timeline, overview
    - Goal: Increase the number of analysts. Have certification standards.
- Overview – What is Power BI?
    - A Cloud service with two main pieces – desktop and service.
    - Think in terms of using data when communicating.
- Learning Power BI
    - Its interaction, filtering, ease of use, and ability to explore data makes it very advantageous.
    - The software allows you to think of things in a visual way.
- Financial Considerations
    - Can start using Power BI desktop for free; however, not all its services are free.
    - Cost: Power BI Pro vs. Power BI Premium
- Lessons Learned

NEXT MEETING DATE/TIME/AGENDA
Members are encouraged to contact Ann or Brian Schauf if they have a case study or pilot project they would like to share at the next meeting. The next Industry 4.0 Task Force Webex meeting is on **Thursday, May 27, 2021, 1:30 p.m**. Agenda:
- ✓ Welcome & Project Updates
- ✓ Case Study *or* Pilot Project Presentation(s)
- ✓ Industry 4.0 Survey Review
- ✓ Upcoming Alliance Events
- ✓ Next Meeting Date/Time/Agenda