

Welcome
to the Konik
Network



About Scott



McGregor - 2024

- Over twenty-five years of industry experience
- Conducts hiring strategy meetings with manufacturing managers daily
- Very passionate about Minnesota's manufacturing community

Areas of Expertise



Manufacturing



Engineering



Architecture

Positions We Fill



Manufacturing Engineers	Process Engineers
Manufacturing Technicians	Manufacturing Engineers
Quality Engineers	Supplier Quality Engineers
Quality Technicians	Project Managers
Mechanical Engineers	Mechanical Technicians
Electrical Engineers	Electrical Technicians
Automation Engineers	Panel Builders

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Network



PROCESS IMPROVEMENTS WITH AI

Kacinda Ruiz
Sr. Manager, Continuous Improvement
Operations

October 6, 2026

Agenda

- **Trystar Company Overview**
- **Trystar's AI Journey**
- **In Real Life... the intersection of Artificial & Human Intelligence**
 - Meeting summaries
 - Process documentation creation
 - Training presentations
 - Pareto / Data analysis
 - Process mapping
 - Sticky exercise summary
- **Lessons Learned**



TRYSTAR®

WHO
WE
ARE



EST. 1991

We are a vertically integrated provider of electrical custom power solutions with the capability to execute large-scale projects.



- | | | | |
|---|---|---|--|
| OFFICE
BURNSVILLE,
MN | MANUFACTURING
+ OFFICES
LOVELAND, CO | MANUFACTURING
+ OFFICES
HOUSTON, TX | MANUFACTURING
+ HEADQUARTERS
FARIBAULT, MN |
| MANUFACTURING
+ OFFICES
WAUKESHA, WI | MANUFACTURING
+ OFFICES
TROY, MI | MANUFACTURING
+ OFFICES
POINTE-CLAIRE, QC, | MANUFACTURING +
OFFICES
MERRIMACK, NH |
| MANUFACTURING +
OFFICES
SAANICHTON, BC &
ARLINGTON, TX | MANUFACTURING +
OFFICES
MAYFIELD, KY &
CHARLOTTE, NC | MANUFACTURING +
OFFICES
MURFREESBORO,
TN | MANUFACTURING +
OFFICES
SEATTLE, WA |



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OFFERINGS



POWER DISTRIBUTION



POWER STORAGE SOLUTIONS



POWER TEST & VALIDATION



POWER TRANSMISSION



POWER CONVERSION



POWER SAFETY



POWER TRANSFORMATION & CONDITIONING



INTEGRATED SOLUTIONS



MONITORING AND CONTROL



SERVICES



TRYSTAR®

AI set as Q1 focus - each team member challenged to find ways to utilize AI to gain productivity and enhance current processes.

AI
Engineer Role

AI
Performance
Goals

Resource
Hub

Lunch &
Learns



TRYSTAR®

Team Member Learning & Support

TRYSTARSharePoint

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TA Trystar AI HubHomeOur MissionM365 Copilot Prompt Gallery & Trystar Prompt LibraryCopilot Lunch and LearnsLearning ResourcesCopilot Cowork

Trystar AI Hub

The goal of Trystar's AI team is to ensure every employee is equipped to unlock new possibilities and maximize their impact in any role. We believe artificial intelligence (AI) tools can serve as the catalyst for innovation, efficiency, and exceptional customer experiences.

Read Our MissionAI Use Policy

AI Teams Channel

Join the Teams Channel
Ask questions, share tips, learn from others and give feedback.

Microsoft Learning Resources

learn.microsoft.com

Copilot Academy
Design, customize, manage, and support AI applications...

Build Custom Agents
Learn how to build a custom agent with Copilot Studio.

Copilot for IT & Developers
Technical documentation, product references and...

Build Agents in Azure Foundry
Design, customize, manage, and support AI applications...

LinkedIn Learning

Courses to help you get the most out of AI, whether you're getting started or an advanced user.

Beginner Courses

What is Generative AI?
Fundamentals of AI models, outputs and applications.

Prompt Engineering
Structure prompts and interact effectively with AI systems.

Intermediate Courses

Prompt Engineering & AI...
Craft effective prompts, structure agent behavior,...

AI Agents Made Simple
Create productive AI agents, use prompts for work automation.

Search this site

Business Process OptimizationProcurementQualityMarketingDigital & ITResourcesFormsEpicor Transformation

Our MissionM365 Copilot Prompt Gallery & Trystar Prompt LibraryCopilot Lunch and LearnsLearning ResourcesCopilot Cowork

Copilot Lunch and Learns

Claire Evans
AI Engineer

Upcoming Copilot Lunch and Learns

Stay up to date with our weekly Copilot Lunch and Learn series, designed to help you and your team get the most out of Microsoft 365 Copilot. Each session features a focused topic, live demonstrations, and time for Q&A. All sessions are open to everyone bring your lunch and learn!

- When: Wednesdays at 12:00–12:30 PM (Central Time) / 5:00–5:30 PM (UTC)
 - Unless it overlaps with the Burnsville Employee Appreciation Luncheon, in which case it will be moved to the day after (Thursday).
- Where: Microsoft Teams (see calendar invite for link)
- Format: 30-minute interactive session, recorded for later viewing

Upcoming schedule and topics through September:

Date	Presenter	Topic
21-May-26	Benji Altman	Using Copilot in Teams: Learn how to effectively prompt Copilot for scheduling and managing meetings in Teams.
27-May-26	Claire Evans	Using Copilot in Outlook: Learn what Copilot can do in Outlook including some surprises!
3-Jun-26	Jacob Hamade	Intro to Agent Builder
11-Jun-26	Benji Altman	Using Copilot in Word: Learn how to leverage the potential of Copilot in Word.
17-Jun-26	Claire Evans	Using the Research Agent
24-Jun-26	Benji Altman	Intro to M365 Create
1-Jul-26	Jacob Hamade	Intermediate Agent Builder
9-Jul-26	Claire Evans	Copilot Notebooks
15-Jul-26	Jacob Hamade	Advanced Agent Builder
22-Jul-26	Benji Altman	Saved Prompts
29-Jul-26	Claire Evans	Advanced Copilot Notebooks - What exactly is Context?
5-Aug-26	Jacob Hamade	Prompt Lab



In Real Life...

**the intersection of
Artificial & Human
Intelligence**





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It's only fitting... AI CoPilot used in preparation for today's breakout:

Session
Summary

Facilitator
Bio

HOW CAN I MAKE A ONE-HOUR SESSION ON AI FOR PROCESS IMPROVEMENTS INTERACTIVE?

PARETO ANALYSIS

Issue A Issue B Issue C Issue D Other

Let's find the vital few!

STICKY NOTE PICTURE TO EXCEL

Capture ideas → Structure data

MEME CREATION

Make it fun. Make it stick.

DATA ANALYSIS

Turn data into insights

MEETING TRANSCRIPTION

From conversation to actionable items

TIME SAVINGS

Less manual work. More impact.

PRODUCTIVITY INCREASE

Improve more. Every day.

SUBJECT MATTER EXPERTISE

AI ASSISTS. YOU DECIDE. YOU IMPROVE.

Your expertise makes the difference.

CONTINUOUS IMPROVEMENT IS A MINDSET

- ✓ IDENTIFY
- ✓ ANALYZE
- ✓ IMPROVE
- ✓ CONTROL

CI IDEAS...

- People
- Process
- Technology
- Data

BETTER PROCESSES. BETTER EVERY DAY.

CONTINUOUS IMPROVEMENT MANAGER

PEOPLE. PROCESS. TECHNOLOGY. BETTER TOGETHER.



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Tool Selection: What problem are we trying to solve?

What process improvement or administrative activity consumes hours today and feels like it should take only minutes?





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Meeting Transcription: Summarize Conversation & Action Items

AI

Record
Decisions &
Questions

Generate
Action Item
List



Confirm
Content
Accuracy

Catch up on
Meetings ...
Take Action

Facilitator 8/14 3:17 PM

Everyone—that's a wrap. Here's the complete rundown of today's meeting.

<Meeting> 2026-08-14

AI-generated content in notes may be incorrect. [Learn more](#)

Decisions

- Implement new tier 2 board and reverse tier 2 review order
- Roll out new Loveland layout for improved product flow and savings
- Shift to two weekly meetings for margin reporting
- Have Alex Partners provide weekly margin report and updates
- Transition to p...

Open questions

- Strategic A3

Follow-up tasks

	Task	Assigned to	Due date	Buc...
1	Share the strategic A3 document for people development with Cicero when it reaches greater maturity (Kevin)	Add assignee	Select date	Type to add
2	Send updated meeting cadence and reporting schedule to the team (Jasmine)	Add assignee	Select date	Type to add



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Flow Chart > Process Doc > Training Deck

AI

Convert into
Process
Document

Generate
Training
Slides

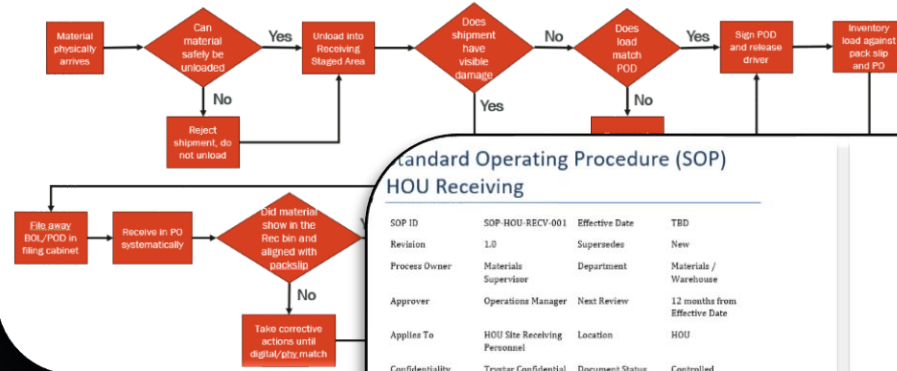


Sprinkle in
Expertise

EDIT!
Customize
Finalize



Receiving Process Flow Chart



Standard Operating Procedure (SOP) HOU Receiving

SOP ID	SOP-HOU-RECY-001	Effective Date	TBD
Revision	1.0	Supersedes	New
Process Owner	Materials Supervisor	Department	Materials / Warehouse
Approver	Operations Manager	Next Review	12 months from Effective Date
Applies To	HOU Site Receiving Personnel	Location	HOU
Confidentiality	Trystar Confidential	Document Status	Controlled

- Purpose**
Define the standardized process for receiving inbound materials at the HOU facility to ensure safe unloading, accurate documentation, alignment between physical and digital inventory, and timely communication to stakeholders.
- Scope**
This SOP applies to all inbound shipments, including parcel, LTL, and full truckloads received at the HOU site by Materials personnel and any authorized support staff.
- References**
• Receiving Process Flow Chart – HOU Receiving (Slide 2) (source: Internal presentation)
- Definitions & Acronyms**
 - BOL: Bill of Lading: Shipping document issued by the carrier.
 - POD: Proof of Delivery: Document acknowledging receipt.
 - PO: Purchase Order: Authorization for procurement in ERP.
 - Rec Bin: Receiving bin/location in the ERP used for staging receipts.
 - LOTO: Lockout/Tagout safety procedure for energy isolation.

- ### 5. Roles & Responsibilities
- Materials Supervisor: Ensures compliance with this SOP, resolves escalations, approves discrepancies and rejections.
 - Materials Coordinator: Coordinates dock schedule, verifies documentation, communicates with Buyers and Carriers.
 - Material Handler: Performs unloading, inspection, system receiving, put-away, and documentation.
 - Buyer: Resolves PO discrepancies with supplier, updates PO as needed.
 - Quality: Performs inspection when required due to system flags or noted damage.

- ### 6. Safety Requirements
- Follow site safety rules, PPE requirements, and LOTO where applicable.
 - Verify safe unloading conditions (dock levelers, restraints, condition of pallets, load stability).
 - Do not unload if conditions are unsafe; escalate to Supervisor and document.

7. Procedure

- #### 7.1 Material Arrival & Staging
- Direct the carrier to the Receiving Staged Area.
 - Review the carrier's safe dock as scheduled.

TRAINING SLIDES – HOU RECEIVING SOP

comprehensive guidance on receiving procedures and protocols



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Tier 2 Hand-written Pareto > Excel > Charts

AI

Convert
Picture into
Excel



Review to
Ensure Data
Accuracy

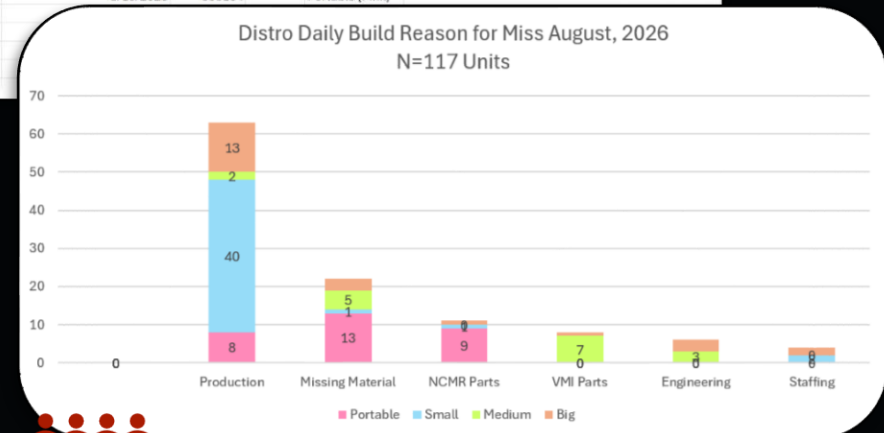
Create
Charts &
Slides

Sprinkle in
Commentary



Handwritten Pareto chart on a clipboard. The chart is titled 'Build & Complete Histogram of Misses - DISTRO'. It has columns for 'Date Added', 'Job/Part Number', '#Units', 'Line (Small, Medium, Big, Portable)', and 'Notes'. The data is handwritten in black ink. The chart shows a distribution of misses across different categories and dates.

Reason Category	Date Added	Job/Part Number	#Units	Line (Small, Medium, Big, Portable)	Notes
Missing Material	8/24/2026	628327		Portable (Pink)	Missing pad-lock cover TS10258-016
Missing Material	7/17/2026	615804		Big (Orange)	
Missing Material	8/17/2026	615804		Big (Orange)	
Missing Material	8/13/2026	627636		Portable (Pink)	Missing Buss bars from kit
Missing Material	8/12/2026	611836	3	Portable (Pink)	Parts out of stock
Missing Material	8/11/2026	600692	6	Portable (Pink)	Missing DF; out of stock
Missing Material	8/7/2026	634162		Small (Blue)	Busbar out of stock
NCMR Parts	7/28/2026	630075		Small (Blue)	Panel mount
NCMR Parts	8/30/2026	620075		Small (Blue)	Panel Mount, CHE101616123
NCMR Parts	8/30/2026	614370		Portable (Pink)	75 kVA transformer, HPSSG3A--75k
NCMR Parts	8/26/2026	623765		Big (Orange)	Ser box TS84429-013
NCMR Parts	7/12/2026	606612	6	Portable (Pink)	Box right doors were NCMR'd
NCMR Parts	8/17/2026	600692	6	Portable (Pink)	6X right doors were NCMR'd
NCMR Parts	8/10/2026	608164		Portable (Pink)	



Next Step: Problem Solving

Sticky Notes > Picture > Summary > Fishbone

AI

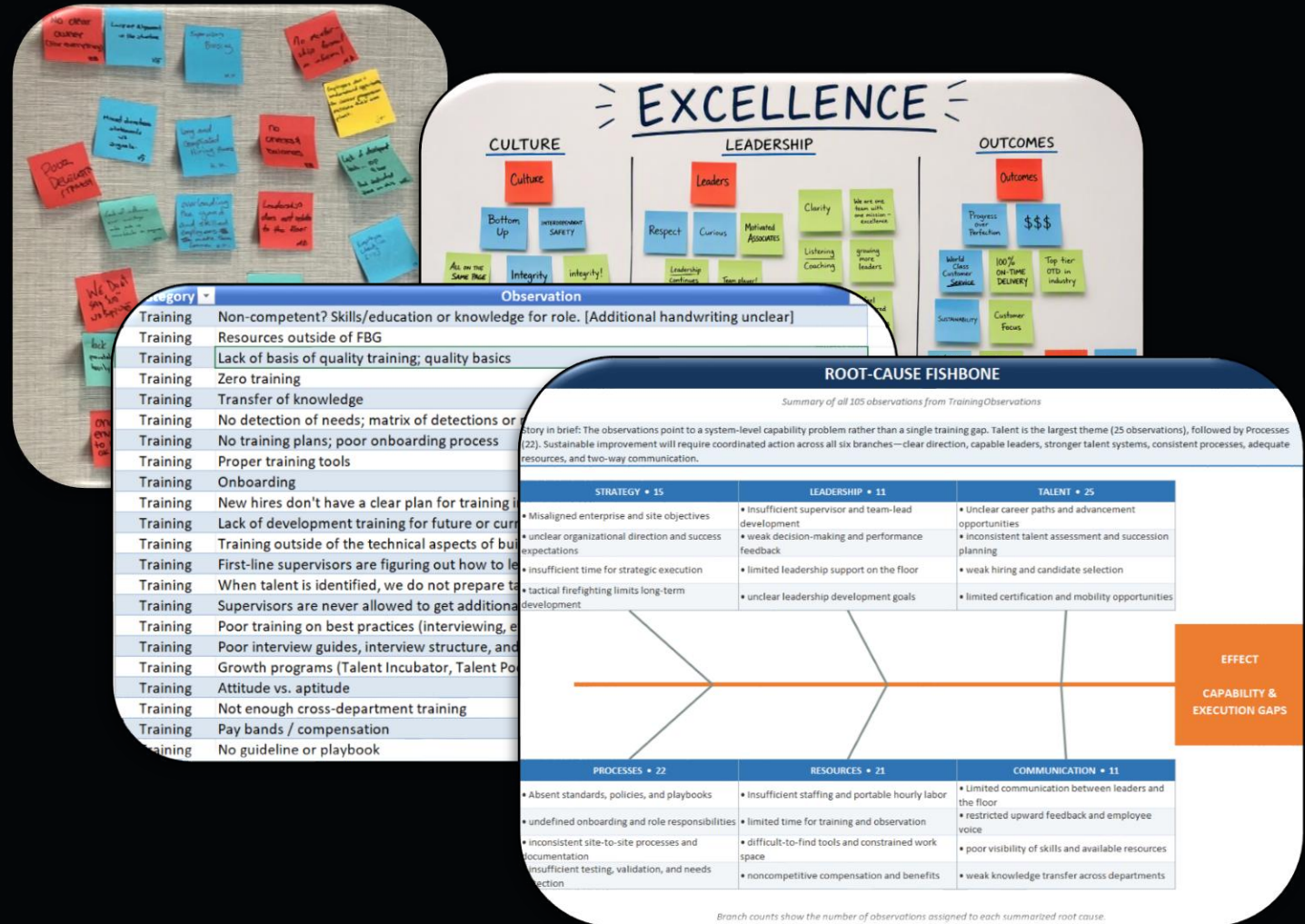
Convert Picture
into Excel &
Summary Visual

Convert List
into Fishbone



Review to
Ensure Data
Accuracy

Update A3 &
Sprinkle in
Commentary





Change Management Fun: We started a new 2nd shift Tier 2 meeting and were missing a few required attendees on the first day, so our Ops Manager sent a friendly reminder...





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....but wait there's more! We have also used AI to

Assist in developing
methodology to
update **Production
Standards** in a highly
customized
environment

**Create
Onboarding
Plans**

**Create procedure
from a meeting
transcript**

**Create assembly
work instructions
from engineering
drawings**
(work in process with Dirac)

**Summarize defect
tracker data by
production line**

**Compare new
dashboard
with previous**

Review Outlook, Task
Planners & Meeting
notes to
**summarize
personal To Dos**

**Convert Materials
Teams chat into
Pareto Data**





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Let's Talk About It!

What did you
hear today that
intrigues you?

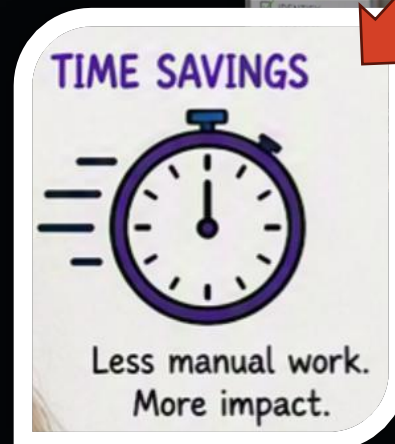
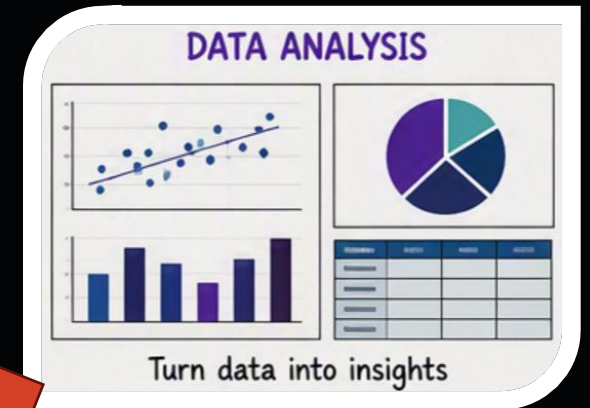
What's your next
AI experiment?



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Lessons Learned

- **ALWAYS add in Human Intelligence!**
- There *is* ROI for the time you spend experimenting.
- Leverage crowd-sourcing.





Q&A

What's on your mind?