



A visual story about what we do.

THE LOOK BOOK.

f in like. follow. share.

📍 8120 Jennings Drive | Cedar Falls, IA 50614

☎ 319-273-4692

✉ info@advanceiowa.com

🌐 advanceiowa.com

LET'S SHAPE YOUR NEXT CHAPTER.

ADVANCE IOWA | 2026

DIGITAL MEDIA | CONCEPT & CONTENT CREATION

SOLUTIONS & OUTREACH
LOGOS, COLORS, & ICONS



BUSINESS SOLUTIONS



OUTREACH PROGRAMS



KEY WORDS



COLLABORATE



EDUCATE



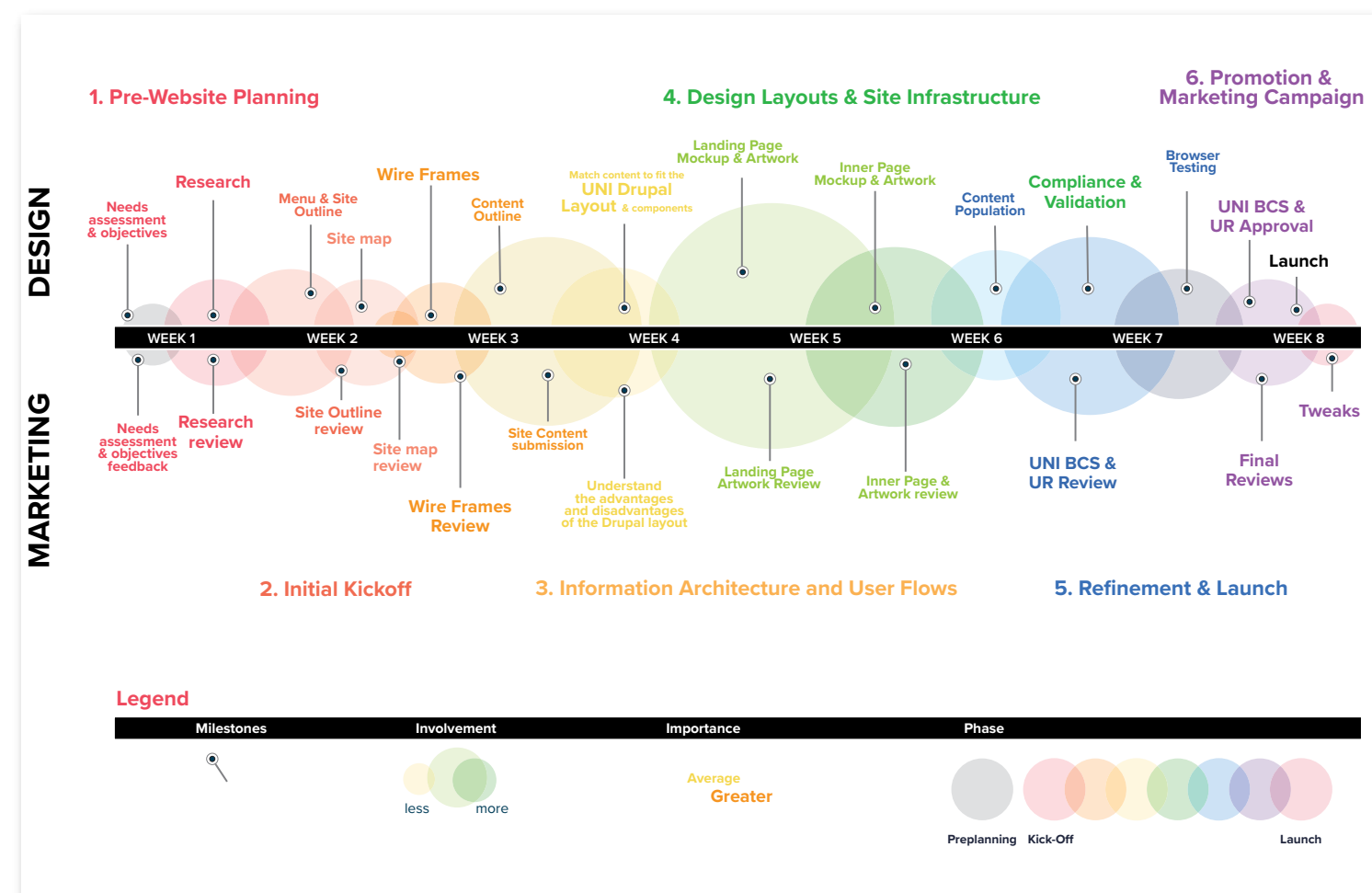
GUIDE



SLIDER IMAGE



ACCOMPLISHMENTS &
STATISTICS



PLANNING

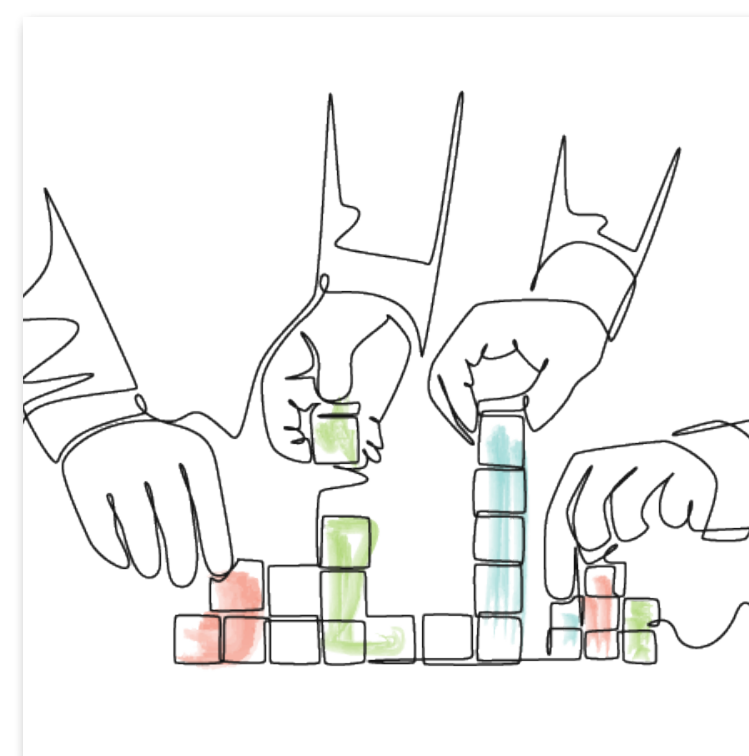
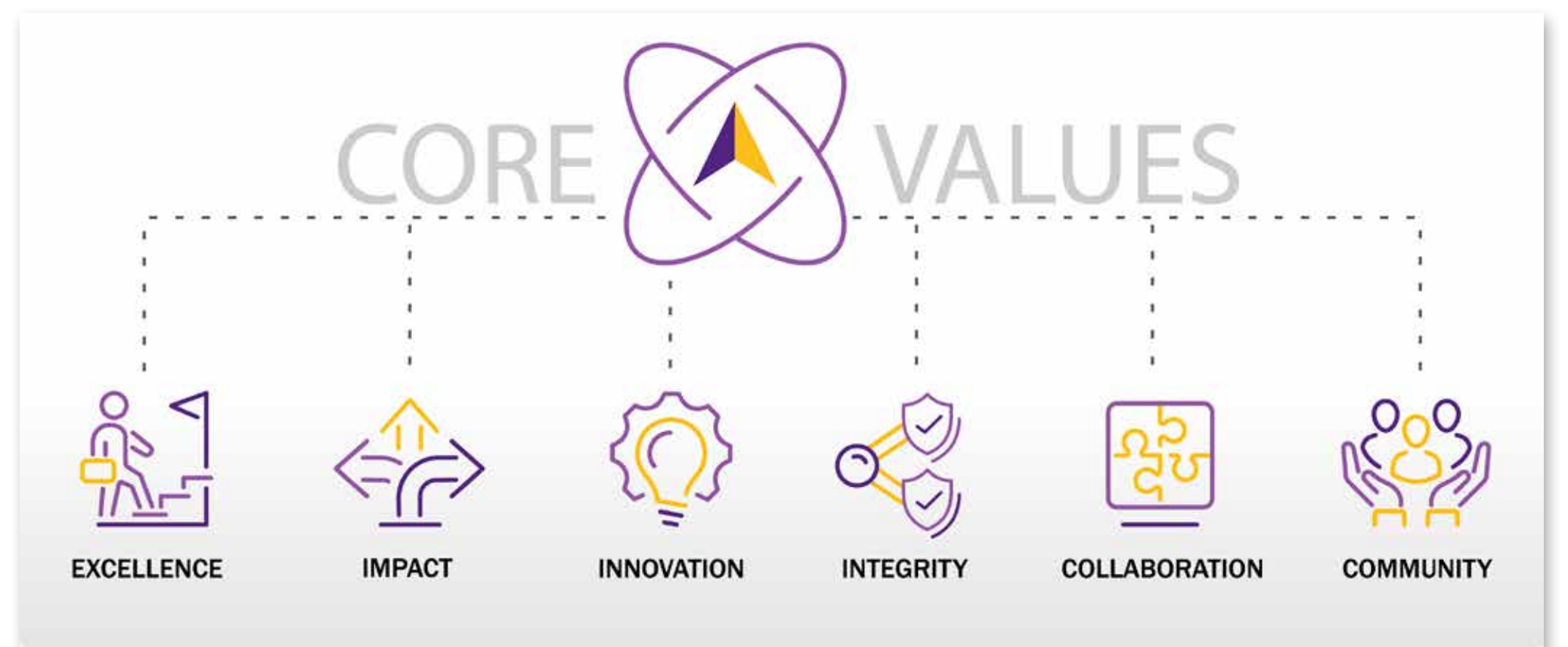


IMAGE CONCEPTS



CORE VALUES

LOGOS | BRAND IDENTITY

RECENT DESIGNS



LOGO UPGRADE & EVENT MARKETING



ADVANCE IOWA | 2026

COLLATERAL | PRINT & DIGITAL MEDIA CREATION



ADVANCE IOWA business solutions

Increased BUSINESS VALUE stems from a willingness to INNOVATE. Whether a business is growing or transitioning, long term success requires embracing and adapting to change.

ADVANCE IOWA helps small-to-medium sized enterprises understand and work through this exciting process.*

WHO WE ARE.
ADVANCE IOWA successfully serves businesses within Iowa and on a national level under the Business and Community Services (BCS) umbrella at the University of Northern Iowa (UNI). Our journey began over a decade ago, rooted in the belief that shared knowledge and resources empower impactful decision-making. We recognize that clear objectives and the right tools are essential for providing direction and momentum toward success. These foundational principles continue to shape our business solutions and outreach programs, fostering growth and facilitating seamless transitions. Our dedicated team is committed to inspiring, educating, and guiding clients as they pursue their goals, ensuring the sustainability of their businesses and communities for future generations.

SOLUTIONS MATTER.

BUSINESS GROWTH
In collaboration with the UNI Center for Business Growth & Innovation (CBGI), we assist businesses in identifying unique challenges and opportunities at any operational stage. Recognizing the significance of current state and market analysis, we offer strategic planning and educational workshops aimed at technology integration, diversification, sustainable practices, and more. Our approach not only enhances performance metrics but also empowers organizations to implement effective management systems and tools that drive long-term business value.

BUSINESS TRANSITION
Business valuations and succession planning ensure the longevity and stability of a company. Without a plan, the business owners, employees, and community can be negatively impacted. Together, with the plan, the business owners, employees, and community can be negatively impacted. Together, with the plan, the business owners, employees, and community can be negatively impacted. Together, with the plan, the business owners, employees, and community can be negatively impacted.

OUTREACH PROGRAMS

OPERATIONAL EXCELLENCE	SKILLS DEVELOPMENT	NETWORKING & EVENTS	MARKETING & DESIGN
<ul style="list-style-type: none"> Performance Metrics Strategic Planning Business Systems Management Tools 	<ul style="list-style-type: none"> Leadership Development Leader Roundtables Workshops & Seminars Resource Library 	<ul style="list-style-type: none"> Conferences Tours & Site Visits Process Optimization Assessments 	<ul style="list-style-type: none"> Brand Identity Campaign Development Integrated Marketing Design, Layout & Graphic

HOSTED and supported **32** networking, educational and business assistance workshops & events.

LET'S TALK!
8120 Jennings Drive | Cedar Falls, IA 50614 | 319-273-4692 | info@advanceiowa.com | advanceiowa.com

ADVANCE IOWA business solutions

UNI Center for Business Growth & Innovation
Measure, Manage & Succeed!

We are here to be your trusted advisor and serve as an independent sounding board. Our team of experts assist firms in overcoming obstacles and identifying new opportunities. We have proven capabilities to deliver value to your business while equipping you with the tools to navigate a dynamic and changing environment. Each business solution is designed to meet your needs and provide an immediate impact on your organization and community.

CONTACT OUR TEAM to learn more about how we can help business grow!

BUSINESS SOLUTIONS

- Business GROWTH & Innovation**
Through the facilitation of proven systems, we guide company leadership to assess internal business operations and external environments resulting in the development of goals and actionable plans that ensure future success.
- Business Ownership TRANSITION**
ADVANCE IOWA works with business owners to develop a transition plan that meets their post-ownership objectives. Our approach helps owners decide when they wish to exit, to whom they would like to get for their ownership interest.
- Seminars, TRAINING & Workshops**
Skill development for company leaders and employees is essential to the success of a healthy organization. Our workshops, seminars, and training programs introduce and develop critical skills and methods that deepen the understanding and application of business principles.
- Network, CONNECTING, Events & Activities**
External connections play an important role in a company's success. We offer proven methods for business leaders that develop new perspectives, increase accountability, and provide powerful decision-making tools that lead to personal and professional development and growth.
- BUSINESS FINANCIAL ANALYSIS & MANAGEMENT PROGRAM**
What are your numbers telling you? Having better insight into what your financials are saying and utilizing the facts to help devise strategic plans is one of the core components of making pivotal business decisions. You will gain new insights into the world of business financials that address profitability while improving the cash position of the firm.

HOSTED & SUPPORTED **32** EDUCATIONAL WORKSHOPS, BUSINESS ASSISTANCE PROGRAMS, AND PROFESSIONAL NETWORKING EVENTS IN 40 COUNTIES.

WORKED WITH **215** SMES ACROSS ALL INDUSTRIES AND QUADRANTS IN IOWA.

WE IMPACTED **6,858** IOWA EMPLOYEES, SHOWCASING OUR COMMITMENT TO BUSINESS GROWTH, TRANSITION, AND OUTREACH.

UNI University of Northern Iowa Business & Community Services



INFOGRAPHICS

ADVANCE LEADERSHIP ROUNDTABLES
Knowledge is Power

Our mission is to facilitate peer leadership decision-making forums, and educate members in leading edge business methods and topics, to help businesses move forward in an effective and purposeful way.

Who are ADVANCE Leadership Roundtable Groups for?

- Leaders of growing and established companies
- Entrepreneurs seeking a comprehensive overview of their organizations from a high-level perspective.
- Driven CEOs who value maximum productivity from their time and effort.
- Visionary leaders aiming for improved outcomes through strategic decision-making.
- Chief executives in search of honest and unbiased feedback, which can be challenging to obtain from employees, family members, or close friends.

What will attending a roundtable group do for me?

- Establish a Trusted Network
- Broaden Perspectives
- Build Decision-Making Confidence
- Sharpen Leadership Skills
- Increase Accountability
- Challenge Assumptions
- No more lonely at the top

How will this improve my business?

- Increase Revenue
- Accelerate Growth
- Set Performance Benchmarks
- Bypass Obstacles
- Increase Profitability

When will the leadership groups meet?
Roundtables are being formed NOW!
Meetings will take place monthly at a time and day determined by table members.

ADVANCE LEADERSHIP ROUNDTABLES

ADVANCE LEADERSHIP ROUNDTABLES	ADVANCE LEADERSHIP ROUNDTABLES
Monthly newsletters	Monthly newsletters
Business development model	Business development model
Local speakers & educational components	Local speakers & educational components
Annual conferences (for education & networking)	Annual conferences (for education & networking)
Member hosted destination events	Member hosted destination events
Customized meeting experiences	Customized meeting experiences
Reduced fees on other ADVANCE IOWA programs	Reduced fees on other ADVANCE IOWA programs
Monthly membership fees billed annually average: \$299/mo.	Monthly membership fees billed annually average: \$299/mo.

FLYERS & INFORMATION

ONE-PAGE FLYERS

ADVANCE IOWA business solutions

Todd E. Hutcheson
Business Director
todd.hutcheson@uni.edu
P (319) 273-4608 | C (319) 431-6396

CENTER FOR BUSINESS GROWTH & INNOVATION

Todd E. Hutcheson
Executive in Residence
8120 Jennings Dr., Suite 128, Cedar Falls, IA 50614
todd.hutcheson@uni.edu
P (319) 273-6008 | C (319) 431-6396 | cbgi.uni.edu

UNI University of Northern Iowa Business & Community Services

BUSINESS CARDS

ADVANCE IOWA | 2026

SOCIAL MEDIA | CAMPAIGN DEVELOPMENT & POSTS



ADVANCE IOWA business solutions

Success is not just about what you accomplish, but what you inspire others to do.

Todd E. Hutcheson
Director of ADVANCE IOWA

Let us WORK together. 319-273-4692 info@advanceiowa.com advanceiowa.com

QUOTES & INSPIRATIONAL POSTS



ADVANCE IOWA business solutions

Upcoming **PROGRAMS** & new partnerships for business **TRANSITION** & **GROWTH** are in the making.

VISIT ADVANCEIOWA.COM

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LET'S TALK!
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ADVANCE IOWA business solutions

SUITE 128 BUSINESS NEWSLETTER

READ. FOLLOW. SUBSCRIBE. SHARE.



ADVANCE BUSINESS GROWTH

APPLIED STRATEGIC PLANNING **LIVE WEBINAR**

2-PART ONLINE WEBINAR SERIES AT NO CHARGE WITH **TODD E. HUTCHESON**

IN PARTNERSHIP WITH **IASOURCELINK** **WILSON COLLEGE BUSINESS**

UNI University of Northern Iowa Business & Community Services

REGISTER! SEATS AVAILABLE FOR WEDNESDAY DEC. 3 & 17 FROM 12:00-1:00



ADVANCE IOWA business solutions

CELEBRATING UNI'S BUSINESS & COMMUNITY SERVICES HOMECOMING PARADE SUCCESS AND 150 YEARS!

Let us WORK together. 319-273-4692 info@advanceiowa.com advanceiowa.com



ADVANCE IOWA business solutions

WHAT'S NEXT?

in

LIKE. FOLLOW. SUBSCRIBE. SHARE.



ADVANCE IOWA business solutions

GROWTH SOLUTIONS

CETEK INC. TEAM THANK YOU FOR YOUR VISIT!



THE CURVE EVERYONE IS TALKING ABOUT.

Not your fitness tracker—the BUSINESS LIFECYCLE ONE.

ADVANCE IOWA business solutions

1 2 3 4

START-UP PHASE GROWTH PHASE MATURITY PHASE DECLINE/RENEWAL

SUITE 128 BUSINESS NEWSLETTER

CATCH UP ON THE SERIES BEFORE GROWTH DROPS. READ. FOLLOW. SUBSCRIBE. SHARE.



ADVANCE IOWA business solutions

STAY INFORMED. STAY AHEAD.

SUITE 128 BUSINESS NEWSLETTER

READ. FOLLOW. SUBSCRIBE. SHARE.



ADVANCE IOWA business solutions

happy Earth Day

APRIL 22

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IA-CEO | 2025

BRAND DEVELOPMENT | DIGITAL & PRINT MEDIA



IA-CEO
IOWA CENTER FOR EMPLOYEE OWNERSHIP

OUR MISSION.
Support economic prosperity in Iowa by advocating for broad-based employee ownership to expand local economies, create employee wealth, build strong workforce, strengthen business and promote vibrant communities.

Employee Ownership

WHO WE ARE.
The Iowa Center for Employee Ownership (IA-CEO) is the state's premier resource hub dedicated to promoting and expanding employee ownership across Iowa. As a central point of connection, we provide education, resources, and support for businesses interested in exploring employee ownership models, particularly Employee Stock Ownership Plans (ESOP), Worker Cooperatives, and Employee Ownership Trusts (EOT). Our goal is to empower Iowa businesses, employees, and communities with the knowledge and tools to transition to, or strengthen, broad-based employee ownership.

WHAT IS EMPLOYEE OWNERSHIP?
Employee ownership is a shared equity model where employees have an ownership stake in the company. These employees may or may not be involved in key management decisions. However, the shared interest in the company performance increases efficiencies to elevate financial success.

Employee ownership is a tool that assists with sustained business prosperity regardless of the company size. It works because employees directly correlate their vested interest into the company's profitability.

2025 IMPACTS

- Delivered **31 educational seminars** on business continuity, succession planning, and employee ownership to over **1,100 participants** across Iowa.
- IA-CEO hosts its signature **Employee Ownership Annual Conference** during EO Month each October.
- IA-CEO is proud to be the **21st state center** in the Employee Ownership Expansion Network (EOX).

WHY IT MATTERS.

- Employee ownership fosters economic resiliency with higher productivity, growth, and improved longevity for the business.
- Workers realize better pay, benefits, increased wealth, and job satisfaction.
- Positive impacts to communities with anchored businesses, increased local spending, enhanced civic engagement, stable jobs, and community wealth building.
- Owners ready to transition their company have a feasible buyer, value goals reached, and a lasting legacy.
- Economic opportunities are created for businesses and communities reducing financial disparities and fostering economic stability.

CONNECT WITH US! [in](https://www.linkedin.com/company/ia-ceo) [f](https://www.facebook.com/iaceo)

319-273-6557 | info@IA-CEO.org | IA-CEO.org



UNI University of Northern Iowa
Business & Community Services

STACY MULLINEX
Senior Project Manager | IA-CEO
stacy.mullinex@uni.edu | 319-273-6557 | IA-CEO.org
#220 Jervisville Dr., Suite 128, Cedar Falls, IA 50614

BUSINESS CARDS



IA-CEO
IOWA CENTER FOR EMPLOYEE OWNERSHIP

OUR SERVICES

At the Iowa Center for Employee Ownership (IA-CEO), we provide expert guidance and resources—many at no charge—to help businesses explore, implement, and sustain employee ownership.

Through consultations, assessments, educational events, and peer networking, we **empower business owners and employees** to create lasting success and shared prosperity.

Reach out to the IA-CEO for personalized guidance and additional resources.

- ✓ Education
- ✓ Resources
- ✓ Outreach
- ✓ Guidance
- ✓ Consultations

SAVE THE DATE!
IA-CEO
EMPLOYEE OWNERSHIP
Annual Conference 2026
OCTOBER 01

✓ We're here to help you every step of the way!

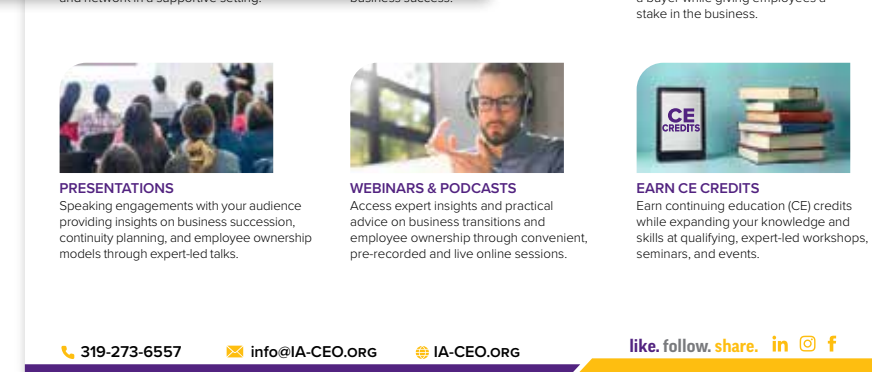
LET'S TALK
Reach out to the IA-CEO for personalized guidance and additional resources. We're here to help you every step of the way.

Stacy MULLINEX
Senior Project Manager
stacy.mullinex@uni.edu

Judy BUTLER
Program Manager
judy.butler@uni.edu

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PRESENTATIONS
Speaking engagements with your audience providing insights on business succession, continuity planning, and employee ownership models through expert-led talks.

WEBINARS & PODCASTS
Access expert insights and practical advice on business transitions and employee ownership through convenient, pre-recorded and live online sessions.

EARN CE CREDITS
Earn continuing education (CE) credits while expanding your knowledge and skills at qualifying, expert-led workshops, seminars, and events.

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IA-CEO
EMPLOYEE OWNERSHIP
Annual Conference
2026

SAVE the DATE

OCTOBER 01

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HOW CAN EMPLOYEE OWNERSHIP BENEFIT YOU?

Business Owner

- ✓ Legacy Preservation
- ✓ Built-in Buyer
- ✓ Smooth Transition

Community

- ✓ Anchored Companies
- ✓ Economic Stability
- ✓ Local Wealth Retention

Employees

- ✓ Job Security
- ✓ Wealth Building
- ✓ Job Satisfaction

Business

- ✓ Improved Productivity
- ✓ Workforce Retention and Recruitment
- ✓ Economic Resiliency

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POST CARDS



IA-CEO
EMPLOYEE OWNERSHIP
Annual Conference

2025 Conference Program
FFA Enrichment Center | DMACC Campus | Ankeny, IA
October 22, 2026, 8:00AM – 4:00PM

WIFI DMACC-GUEST no password

Panelists: Breakout ONE
EXPLORING EMPLOYEE OWNERSHIP FOR BUSINESS SUCCESSION
LEADING WITH PURPOSE

11:00AM – 12:00PM

RM 108-109

JP Morgan Chase
TITLE SPONSOR

Tom PIENTOK
PRESIDENT & CHIEF EXECUTIVE OFFICER
FOLIENCE

RM 112-113

PERSON
ECONOMIST
NT OF REVENUE

EMPLOYEE OWNER

RM 114-115

Employee Ownership: A Win for All

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MULTI-PAGE CONFERENCE PROGRAM

ADVANCE IOWA | 2026

MULTI-PAGE DOCUMENTS | REPORTS, MAGAZINES & DOSIERS



CO-BRANDED EDUCATIONAL GUIDES

Last Thoughts Before you go...

THE FOUR PHASES AT A **GLANCE** & THE FACTS THAT MATTER RIGHT NOW!

<p>1. START-UP — Clarity accelerates momentum.</p> <p>of start-ups FAIL because they misread market needs.</p> <p>Source: CB Insights</p> <p>42%</p>	<p>3. MATURITY/SATURATION — Excellence and renewal protect relevance.</p> <p>of mature companies lose market share because they fail to innovate.</p> <p>Source: Deloitte</p> <p>65%</p>
<p>of growing companies struggle because their systems can't keep pace with demand.</p> <p>Source: McKinsey</p> <p>70%</p> <p>2. GROWTH — Leadership and systems determine scale.</p>	<p>of companies entering decline never recover without intentional renewal.</p> <p>Source: Harvard Business Review</p> <p>50%</p> <p>4. RENEWAL / DECLINE — Reinvention is a choice, not a reaction.</p>

Each of the four statistics shared above are not meant to be warnings, they're reminders that clarity, discipline, and leadership matter.

12 | ADVANCE IOWA, Edition One

INDUSTRY 4.0 — WHY IT MATTERS FOR EVERY PHASE

Industry 4.0 isn't just automation — it's the integration of data, digital tools, and intelligent systems into everyday operations. It matters because:

- ✓ **START-UPS** can validate markets faster.
- ✓ **GROWTH** companies scale more efficiently.
- ✓ **MATURE** firms protect margins and competitiveness.
- ✓ **RENEWING** organizations reinvent with new capabilities.

EMPLOYEE OWNERSHIP — A STRATEGIC ADVANTAGE

Employee ownership strengthens:

- RETENTION** — employees stay longer when they have a stake.
- SUCCESSION** — ownership transitions become smoother and more viable.
- PERFORMANCE** — employee-owned firms grow faster and more consistently.
- COMMUNITY IMPACT** — local wealth stays local.

WHAT LEADERS SHOULD REMEMBER

CLARITY creates momentum
DISCIPLINE builds resilience
LEADERSHIP shapes culture
RENEWAL is always possible

And most importantly:
EVERY PHASE IS AN OPPORTUNITY — NOT A DESTINATION.

Explore **MORE**

128 BUSINESS NEWSLETTER

LIKE, FOLLOW, SHARE...& SUBSCRIBE!

How-to Business Guide Series | 13

ADVANCE BUSINESS GROWTH

let's WORK together!

STRATEGIC PLANNING JOURNEY CHECKLIST

From readiness to results

1. START — BUILD THE FOUNDATION FOR SUCCESS **START**

FOCUS: Preparation and assessment

- Define mission, vision, and values: Ensure foundational statements are relevant and clearly understood.
- Assess internal and external environment: Conduct SWOT and PESTLE analyses.
- Identify strategic alternatives: Explore growth paths, partnerships, and evaluate risks/benefits.
- Check organizational readiness: Confirm leadership alignment and change readiness.
- Establish the planning structure: Assign roles, responsibilities, and form a planning team.

2. PROCESS — PLAN WITH PURPOSE & PRECISION **PROCESS**

FOCUS: Planning and goal setting

- Outline strategic objectives: Use SMART criteria to break down goals.
- Set strategic goals: Define long-term aspirations.
- Develop an action plan: Map initiatives and tasks for each objective.
- Determine budget and timeline: Allocate resources and set deadlines.
- Identify key performance indicators (KPIs): Choose metrics to track success.

3. SHARE — COMMUNICATE AND ALIGN ACROSS YOUR ORGANIZATION **SHARE**

FOCUS: Engagement and alignment

- Communicate the plan: Share with all departments and stakeholders.
- Create feedback channels: Enable input and dialogue across teams.
- Align leadership and staff: Ensure everyone understands their role in execution.
- Promote strategic clarity: Reinforce the "why" behind the plan.

BUSINESS LIFECYCLE MAGAZINE 06/2026

THE LAST TACTICAL MILE SEMINAR SERIES

BRAND CREATION, DIGITAL & PRINT MEDIA



THE LAST TACTICAL MILE [LTM] SEMINAR SERIES 6

ADDITIVE MANUFACTURING FOR METAL CASTING

RAISING THE BAR ON HIGH-IMPACT EDUCATION AND NETWORKING FOR FOUNDRIES AND GOVERNMENT/DOMESTIC SUPPLY CHAIN PARTNERS.

MARCH 11, 2026 | RIO HONDO GOLF CLUB AND EVENT CENTER | DOWNEY, CA



HIGHLIGHTS

- ✓ **The OEM Perspective:** Understand why OEMs want you to apply this technology
- ✓ **Mold Design Applications:** Best practices regarding integration of AM for mold design
- ✓ **Material Extrusion Printers** and their application to hybrid tooling
- ✓ **Materials and Consumables:** What is being utilized today and what the future holds
- ✓ **Large Format Printers:** Operations and Best Practices
- ✓ **Future Technologies:** Discussion on what new AM may be coming and its impacts
- ✓ **Expert Panel Q&A:** Engage with Foundry experts
- ✓ **Networking Hub:** Foster connections, share insights, and stay updated on current trends

Government and OEM casting consumers require increased agility in the casting sector to enable operational availability of critical platforms. Additive manufacturing for metal casting offers reduced lead times, ability to cast complex parts and reduce scrap.

Key Takeaways: You will understand how the technology facilitates more agile casting production for your organization and your supply chain partners. Presenters will share best practices on current technology applications for tooling and toolingless approaches to mold design. Networking sessions will connect you with experts and early adopters who will broaden your team's vision of how to leverage this advanced manufacturing approach to reduce lead times and produce challenging cast parts.

Who should attend this training? Foundry technical staff and procurement professionals, OEM, Tier I/II casting consumers, government engineers, engineering and technical students.

WE ARE LOOKING FORWARD TO SEEING YOU!

DEFENSE ACQUISITION PROFESSIONALS earn 7 CONTINUOUS LEARNING POINTS (CLPs) for attending, contact Brittany Engel for details. <https://AMMetalCasting6.eventbrite.com>

SCAN THE QR-CODE OR CLICK THE LINK BELOW TO RESERVE YOUR SEAT! <https://AMMetalCasting6.eventbrite.com>

CONTACT **Brittany ENGEL**, Engineering Project Manager | bengel@ybi.org | <https://ybi.org> | like, follow, share

FLYERS & SLIDE DECKS

HIGHLIGHTS

- ✓ The OEM Perspective: Understand why OEMs want you to apply this technology
- ✓ Mold Design Applications: Best practices regarding integration of AM for mold design
- ✓ Material Extrusion Printers and their application to hybrid tooling
- ✓ Materials and Consumables: What is being utilized today and what the future holds
- ✓ Large Format Printers: Operations and Best Practices
- ✓ Future Technologies: Discussion on what new AM may be coming and its impacts
- ✓ Expert Panel Q&A: Engage with Foundry experts
- ✓ Donsoco AM: Their casting
- ✓ Networking Hub: Foster connections, share insights, and stay updated on current trends

THE LAST TACTICAL MILE SEMINAR SERIES

ADDITIVE MANUFACTURING FOR METAL CASTING

RAISING THE BAR ON HIGH-IMPACT EDUCATION AND NETWORKING FOR FOUNDRIES AND THEIR SUPPLY CHAIN PARTNERS.

In partnership with **America Makes**

THE LAST TACTICAL MILE SEMINAR SERIES 7

ADDITIVE MANUFACTURING FOR METAL CASTING

RAISING THE BAR ON HIGH-IMPACT EDUCATION AND NETWORKING FOR FOUNDRIES AND THEIR SUPPLY CHAIN PARTNERS.

MAY 13, 2026 | CHICAGO, ILLINOIS | LOCATION: TBD

THE LAST TACTICAL MILE SEMINAR SERIES 7

ADDITIVE MANUFACTURING FOR METAL CASTING

ALL-DAY EVENT FREE OF CHARGE

Do you want to increase platform operational availability? Are critical castings a challenge to your defense and OEM organizations? If so, do not miss our next [LTM] Seminar on May 14, 2025 at ROSE STATE COLLEGE in Midwest City, OK!

YOUR technical staff can learn from our experts about how additive manufacturing can help you reduce lead times

Rich LONARDO, Defense & Energy Systems, LLC, YBI Support Contractor

THE LAST TACTICAL MILE [LTM] SEMINAR SERIES 7

ADDITIVE MANUFACTURING FOR METAL CASTING

LUNCH n' LEARN REGISTER NOW

FREE OF CHARGE

- 04/23 Large Format Sand Printers: Lessons Learned and Best Practices
- 04/30 Buying versus Making: All you need to know about printed mold & core production
- 05/07 Extrusion Technology for Production Patterns and Core Equipment
- 05/21 Printer Materials & Innovation
- 05/28 The OEM Perspective
- 06/04 Printed Mold & Core Design Fundamentals

SCAN THE QR-CODE [HTTP://BIT.LY/4SKXHRY](http://bit.ly/4skXhRY)

SOCIAL MEDIA POSTS

THE LAST TACTICAL MILE SEMINAR SERIES 2

ADDITIVE MANUFACTURING FOR METAL CASTING

Vulcan Park & Museum in Birmingham, Alabama | 2ND LTM SEMINAR 02/18/2025

Central Standard Time (CST)

MORNING AGENDA

8:15 - 8:30 **DOORS OPEN FOR CHECK-IN**
The **ELECTRA ROOM** in Vulcan Park & Museum 1701 Valley View Dr., Birmingham, AL 35209

8:30 - 8:40 **Opening Remarks & Introductions**
Rich LONARDO, Principal, Defense & Energy Systems

8:40 - 9:05 **The OEM Perspective**
Dr. Kirk ROGERS, Ph.D., Principal Consultant for M&P Gravity Works
Marshall MILLER, Applications Engineer, Pellet Extrusion Technology for the foundry, 3D Systems

9:05 - 10:05 **Printed Mold & Core Design Fundamentals**
Dave RITTMAYER, Director, Business Development at Matthews Additive Technologies
Dr. Jason WALKER, Ohio State University CDME, Director, Materials and Processes

10:05 - 10:20 **NETWORKING BREAK**

10:20 - 11:20 **Extrusion Technology for Production Patterns & Core Equipment**
Marshall MILLER, Applications Engineer, Pellet Extrusion Technology for the foundry, 3D Systems

11:20 - 12:20 **Large Format Sand Printer Lessons Learned & Best Practices**
Nathaniel BRYANT, Project Engineering Manager, Metal Casting Center, University of Northern Iowa
Jerry THIEL, Retired Director of the UNI Metal Casting and Foundry 4.0 Centers

AFTERNOON AGENDA

12:20 - 12:35 **LUNCH WILL BE SERVED**

12:35 - 1:20 **Innovations & Panel Discussion**
05 **All PRESENTERS**

1:20 - 2:10 **Printer Materials & Innovation**
06 **Kelley KERNS**, Director, New Business Development HA International, LLC
Dr. Dustin GILMER, Assistant Professor, Material Science and Engineering at the University of Tennessee & UT Space Institute

2:10 - 2:30 **NETWORKING BREAK**

2:30 - 3:30 **Buying versus Making: All you need to know about printed mold & core production**
07 **Brandon LAMONCHA**, Director of Additive Manufacturing, Humtown Additive
Dave RITTMAYER, Director, Business Development at Matthews Additive Technologies

3:30 - 4:00 **Innovations & Panel Discussion**
08 **All PRESENTERS**

4:30 - 5:30 **Sloss Furnace Tour**
09 **20 32nd St N, Birmingham, AL 35222**

WRAP-UP DINNER

7:00 PM **THE FISH MARKET**
No Host Dinner | <https://www.thefishmarket.net/>

SESSION 3 | SAVE-THI-DATE!

OUR NEXT [LTM] WORKSHOP: MAY 14, 2025
ROSE STATE COLLEGE | MIDWEST CITY, OK
REGISTRATION: <https://AMMetalCasting3.eventbrite.com>

DEFENSE ACQUISITION PROFESSIONALS earn 7 CONTINUOUS LEARNING POINTS (CLPs) for attending.

OUR PARTNERS: **Mathews ADDITIVE TECHNOLOGIES**, **HFI CERAMTEK**, **3D SYSTEMS**, **M&P GRAVITY Works**, **Humtown PRODUCTS**, **UNI University of Northern Iowa**, **THE UNIVERSITY OF TENNESSEE**, **THE OHIO STATE UNIVERSITY**, **YOUNGSTOWN BUSINESS INCUBATOR**, **DEFENSE & ENERGY SYSTEMS**

IN PARTNERSHIP WITH **America Makes** | CONTACT: BRITTANY ENGEL: bengel@ybi.org or [HTTPS://YBI.ORG](https://ybi.org)

EVENTBRITE

CERTIFICATES

THE LAST TACTICAL MILE [LTM] SEMINAR SERIES

ADDITIVE MANUFACTURING FOR METAL CASTING

RAISING THE BAR ON HIGH-IMPACT EDUCATION AND NETWORKING FOR FOUNDRIES AND GOVERNMENT/DOMESTIC SUPPLY CHAIN PARTNERS.

LUNCH n' LEARN

IMPACT 2.0

LIVE WEBINAR TOPICS

- The OEM Perspective:** Understand why OEMs want you to apply this technology
- Mold Design Applications:** Best practices regarding integration of AM for mold design
- Material Extrusion Printers and their application to hybrid tooling**
- Materials and Consumables:** What is being utilized today and what the future holds
- Large Format Printers:** Operations and Best Practices
- Future Technologies:** Discussion on what new AM may be coming and its impacts

REGISTER & SNAG YOUR SPOT

2024 | 2026

THE LAST TACTICAL MILE [LTM] SEMINAR SERIES

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8+ SEMINAR LOCATIONS

11+ EXPERTS

LINKEDIN

ALL-DAY EVENTS FREE OF CHARGE

Government and OEM casting consumers require increased agility in the casting sector to enable operational availability of critical platforms. Additive manufacturing for metal casting offers reduced lead times, ability to cast complex parts and reduce scrap.

Key Workshop Takeaways: You will understand how the technology facilitates more agile casting production for your organization and your supply chain partners. Presenters will share best practices on current technology applications for tooling and toolingless approaches to mold design. Networking sessions will connect you with experts and early adopters who will broaden your team's vision of how to leverage this advanced manufacturing approach to reduce lead times and produce challenging cast parts.

Who should attend this training? Foundry technical staff and procurement professionals, OEM, Tier I/II casting consumers, government engineers, engineering and technical students.

EVENT BOOKLETS

DEFENSE ACQUISITION PROFESSIONALS earn 7 CONTINUOUS LEARNING POINTS (CLPs) for attending, contact Brittany Engel for details

SCAN THE QR-CODE OR CLICK THE LINK BELOW TO RESERVE YOUR SEAT! <https://AMMetalCasting6.eventbrite.com>

THE LAST TACTICAL MILE SEMINAR SERIES

ADDITIVE MANUFACTURING FOR METAL CASTING

RAISING THE BAR ON HIGH-IMPACT EDUCATION AND NETWORKING FOR FOUNDRIES AND THEIR SUPPLY CHAIN PARTNERS.

Help Us Improve: Share Your Thoughts on the Workshop | Save time & attach your business card!

Name: _____ Email: _____

Title: _____ Company: _____

THE LAST TACTICAL MILE SEMINAR SERIES

ADDITIVE MANUFACTURING FOR METAL CASTING

Session 2

This is to certify that the defense acquisition professional **John Doe** has earned 7 CONTINUOUS LEARNING POINTS (CLPs) for participation and attendance of a LTM Seminar Session, Impact 2.0.

DATE OF ISSUE: 02/18/2025

Stephanie GAFFNEY, Vice President, YBI Advance Manufacturing Programs

Brittany ENGEL, Engineering Project Manager

YBI self certifies that attendance at this one-day workshop accounts for 7 CONTINUOUS LEARNING POINTS (CLPs) for defense acquisition professionals.

Raising the bar on high-impact education and networking for foundries and their supply chain partners. This certificate may be used to validate the training requirements of a continuing education program.

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Please circle or check the number of stars (1-10) representing your rating:

1 2 3 4 5 6 7 8 9 10

lowest rating: ☆☆☆☆

highest rating: ☆☆☆☆☆

Please complete the questions on the backside.

CONTINUOUS LEARNING POINTS (CLPs) for attending, by your name, title and email address.

America Makes

SURVEYS

**CENTER FOR BUSINESS
GROWTH & INNOVATION**
FOUNDRY 4.0 PROJECT | DIGITAL & PRINT MEDIA

FLYERS & CASE-STUDIES

BUSINESS CARDS

Workshop Agenda	
Donsco Inc. Wrightsville, PA	
10 January 1, 2024 Wednesday	
8:00-8:30 am	Check-in & Networking
8:30-8:45 am	Welcome- Workshop Objectives & Expected Outcomes Speaker: Chris BUCK & Todd HUTCHESON
8:45-9:30 am	F4.0 Overview, Assessment Process & Business Value Speaker: Todd HUTCHESON
9:30-9:40 am	Introduction to the University of Northern Iowa's Foundry 4.0 Center and Center for Business Growth & Innovation VIDEOS, Speaker: Todd HUTCHESON
9:40-10:00 am	Networking Break
10:00-10:30 am	Designing for Automation & Foundry 4.0 Speaker: Josh O'DELL
10:30-11:00 am	Robotic Casting Finishing & Process Sensors Speaker: Sam MANTERNACH
11:00-11:30 am	Sensor/PLC Applications, IoT & Data Analysis Speaker: Nate BRYANT
11:30-12:00 pm	Dual Robot with 3D Bin-picking System Speaker: Donsco REPRESENTATIVES
12:00-1:00 pm	Lunch & Networking

SEMINAR AGENDAS

TESTIMONIALS

INFOGRAPHIC & POSTS

BANNER

CENTER FOR BUSINESS GROWTH & INNOVATION

FOUNDRY 4.0 PROJECT | DIGITAL & PRINT MEDIA

HOW DLA Investments in 4.0
are Positively IMPACTING the Defense Casting Supply Chain

FOUNDRY 4.0

Technologies revolutionizing the metal casting industry!

UNF Foundry 4.0 Center

- Industrial IOT & Smart Manufacturing
- Automating Casting Finishing Operations
- Development of Casting Digital Twins
- Integrated Foundry Process Sensors
- Foundry Leadership Business Value

YSU Excellence Training Center (ETC)

- Affordable Robotics
- Labor Efficient Scanning
- Digitization
- Tailored Workforce Training
- Foundry Tech Integration Case Studies

Project Results: Combined Center will gain business platform results in 11 to 2 years, agile, meeting supply chain.

SHAPING THE FUTURE OF AN INDUSTRY

LARGE-SCALE EDUCATIONAL POSTER SERIES

AUTOMATED 3-D SCANNING PART VERIFICATION

FOUNDRY 4.0

Technologies revolutionizing the metal casting industry!

STEP-BY-STEP

- 1** Metrologists directly with the hardware VGNs to capture the scan data.
- 2** The part data is transferred to Winlog.
- 3** Metrologist aligns the reference CAD data and the Scan data.
- 4** The Scan and report time is 1 minute unattended per part.

Conclusion: Using robotics with currently available software that prepares the robotic path for the operator to automate the part verification process lowers the barrier to entry for companies wanting to implement automation on the factory floor.

SHAPING THE FUTURE OF AN INDUSTRY

WHY INDUSTRY 4.0?

CONNECTING INPUTS TO ASSESSMENTS TO KPIs TO BUSINESS VALUE.

FOUNDRY 4.0

Technologies revolutionizing the metal casting industry!

Current Industry 4.0 technology assessments often lack vital information for businesses to identify their highest value areas for implementation. To achieve a worthwhile return on investment, collaborative and objective assessments connected to key performance indicators are essential. This project aims to address these assessment issues and enhance the value of Industry 4.0 implementations.

EXECUTIVE SUMMARY

- A unique set of difficult business headwinds exists today
- Industry 4.0 technology implementation can ease these headwinds
- Assessment and strategic planning is critical to selecting the highest value actions
- The value of many current assessments is less than optimal
- Connecting Industry 4.0 assessment to KPIs to Business Value provides the highest overall return to a business



INDUSTRY 4.0 TECHNOLOGIES: Multifaceted business value & benefits

- Lower Product Development Costs
- Enhanced Efficiency & Risk Mitigation
- Predictive Maintenance
- Diversify Revenue Sources
- Real-time Decision Making
- Supply Chain Optimization
- High Performance Equipment
- Improved Customer Experience
- Customization & Personalization
- Agile Data Collection Methods
- Sustainability & Environmental Benefits
- Competitive Advantage & Talent Retention

14.0 KEY IMPACTED BUSINESS MEASURES

- Operating Efficiency
- Overall Equipment Effectiveness
- Product and Process Yield
- Capacity and Capacity Utilization
- Inventory \$\$s/turns
- Data Security
- Improved Customization
- Throughput Reduction
- Prototype Turnaround Time
- Improved Safety

Start TODAY!

- 1 INPUT: DATA COLLECTION**
- 2 AUTOMATED ASSESSMENT**
- 3 KEY PERFORMANCE INDICATORS (KPIs)**
- 4 BUSINESS VALUE ACTION PLAN**
- 5 INDUSTRY 4.0 IMPLEMENTATION**

14.0 Improvement Potential Summary Report

- Summary of Findings
- Key Opportunities
- Considerations
- Other Comments

JOIN the Conversation!

Please take a moment to scan the QR code to access our registration form. Once you've submitted it, we will qualify you in touch to kickstart the assessment process for both you and your team. This will empower you to harness Industry 4.0 technologies, realizing your business with cutting-edge advancements and driving improvement as well.

READY TO BEGIN YOUR JOURNEY?
QR CODE & LINK TO OUR GOVULS FORM

SHAPING THE FUTURE OF AN INDUSTRY

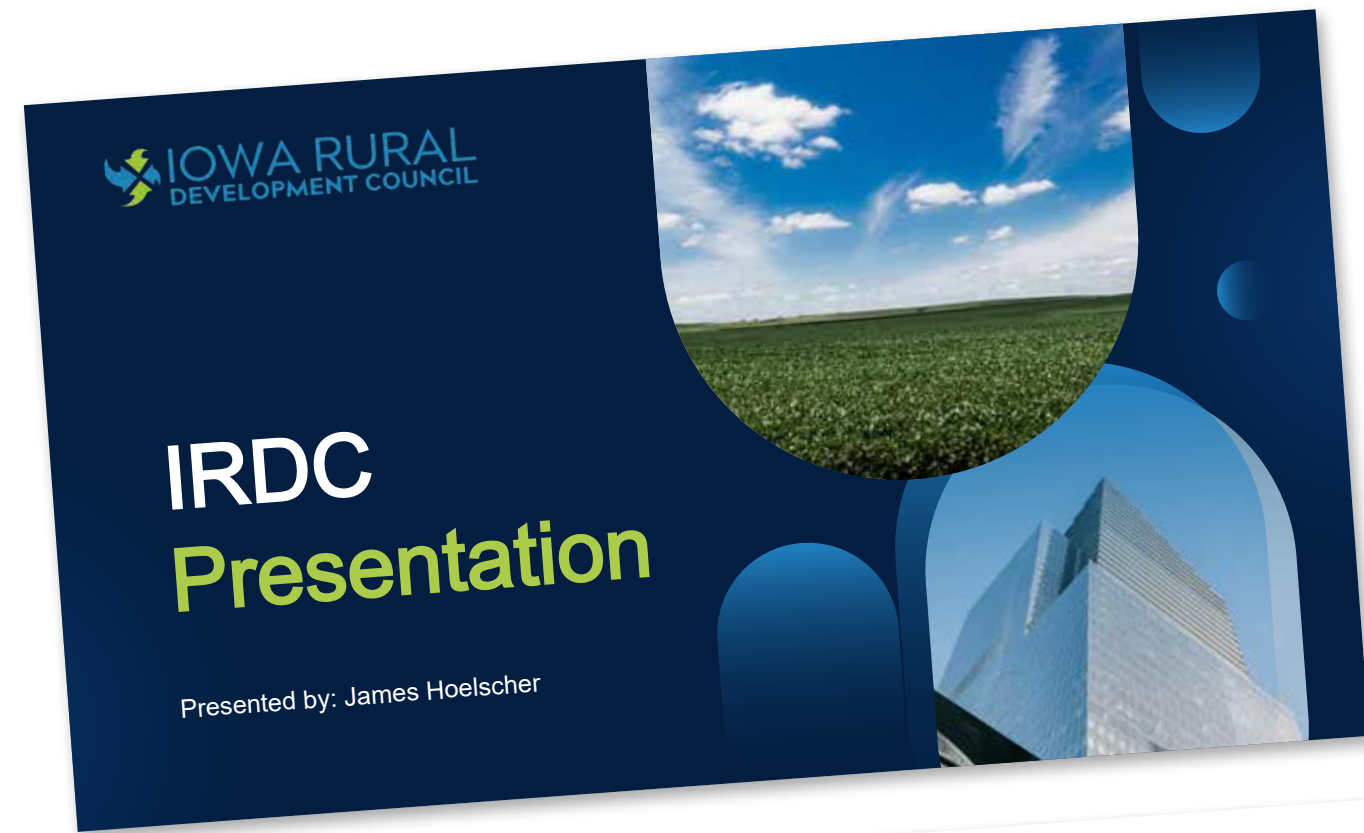
foundry4.0@ncdm.org

Partners: NCDMM, CENTER FOR BUSINESS GROWTH & INNOVATION, FOUNDRY 4.0, YOUNGSTOWN, HARDWARE

NOTE: This project is sponsored by the Defense Logistics Agency Information Operations, AS, Research & Development, Ft. Belvoir, VA, and the GLO Group Support Philadelphia, PA. Development & Support is provided by NCDMM.

IOWA RURAL DEVELOPMENT COUNCIL | 2026

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OFFICE MUST-HAVES



SLIDE DECK PRESENTATIONS



BANNER



TABLE COVER



TABLE TENTS



ONE-PAGE FLYERS



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LINKEDIN PROFILE



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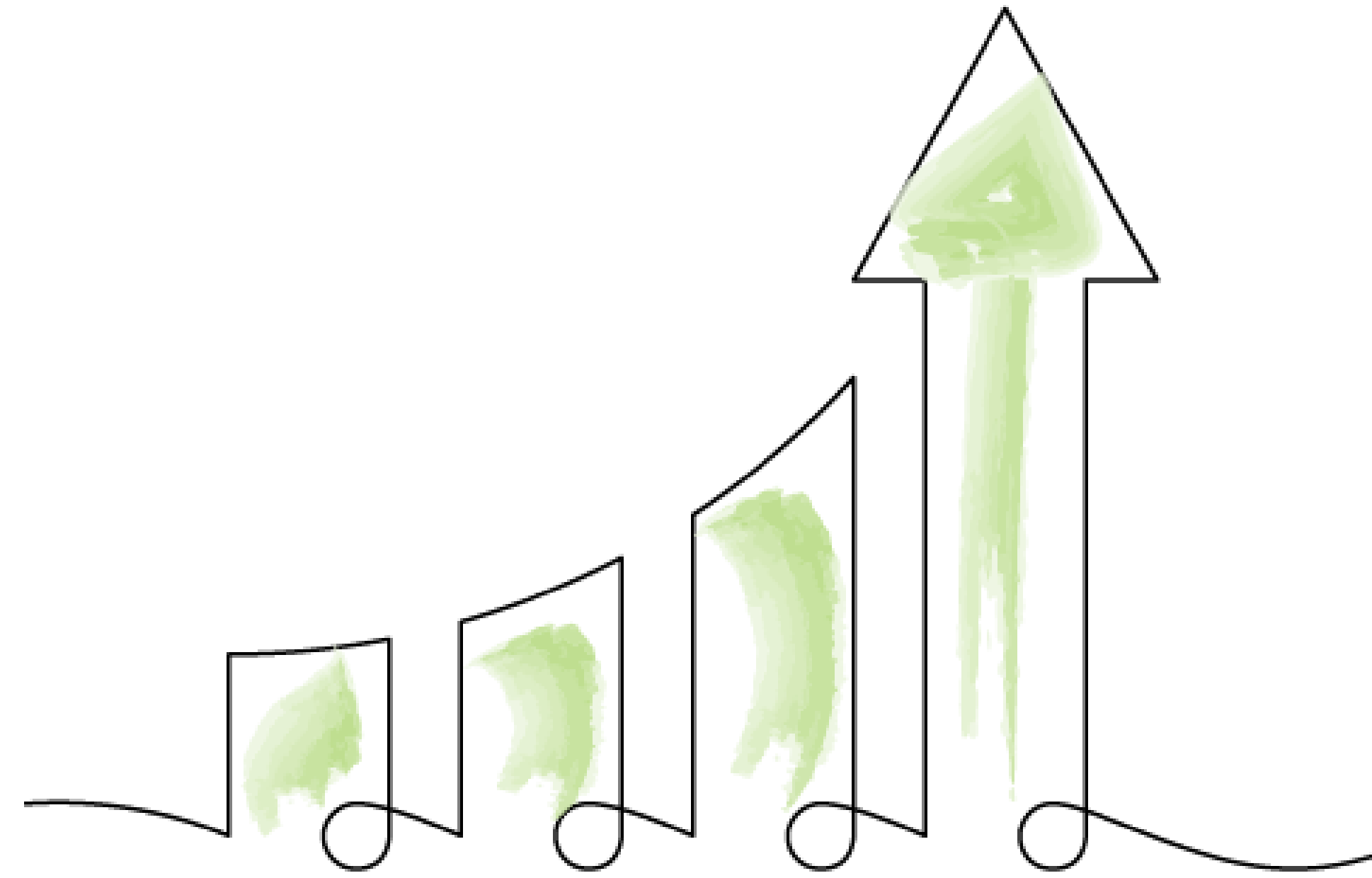
SLIDE DECK PRESENTATIONS



SAVE-THE-DATE



BREAKOUT ROOM POSTERS



GROWTH IS
OUR BUSINESS.



**SCHEDULE
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Let's shape **YOUR** next chapter.

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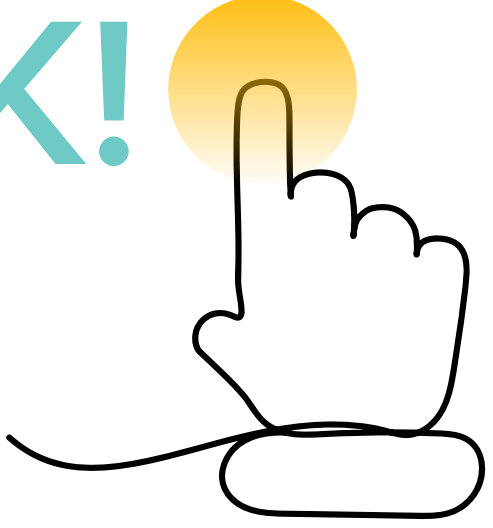
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Schedule YOUR Consultation

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YOU!!!

