

## Portfolio

Joy Cimino  
216.200.6150  
[www.joycimino.com](http://www.joycimino.com)  
[cimino.j@gmail.com](mailto:cimino.j@gmail.com)  
[www.linkedin.com/in/joycimino](http://www.linkedin.com/in/joycimino)

# Qualification Summary



- Over 30 years in the marketing/graphic/print/web design and digital marketing field
- Software expertise
  - Adobe Creative Suite: InDesign, Photoshop, Illustrator, Dreamweaver, Acrobat, WordPress, MailChimp, Microsoft Office Suite, CorelDraw, QuarkXPress
  - Working knowledge of Flash, Javascript, CSS
- Education: Bachelor of Arts, Edinboro University  
Digital Marketing Nano Degree, Udacity

# Samples



The following slides are just a small sample of the projects I have worked on during my career.

# Website Design

The websites are shown as I originally designed them. In some cases, the client wanted to maintain the website on their own and therefore the site(s) may appear differently than what is represented on the following pages.

# Fit 4 Life Physical Therapy LLC

Fit 4 Life Physical Therapy | We Believe Your Story Matters

Home Services About Us Book An Appointment Contact Us

## Fit 4 Life Physical Therapy

We believe your story matters.

[Book An Appointment](#)

### Our Mission

At Fit 4 Life Physical Therapy in Garland, Texas we believe your story matters. We help active people stay healthy, strong, and fit. Whether you experience pain or injury, we help you recover so you can get back to your passions, interests and enjoying life as much as possible.

- Do you suffer from neck and pain associated with low back pain, posture, shoulder pain, hip pain, wrists, knee pain, foot pain, etc.?
- Did you wake up with sore joints in your neck or low back? Perhaps you need a massage to help you relax and reduce stress in the morning?
- Are you tired of spending time being with discomfort and learning not to do activities at all or if you just?
- Are you frustrated with taking pain medication?
- Have you been told you need an MRI or surgery for your pain and want a second opinion?

If you have answered yes to any of these questions, something you have been looking for has been your pain and symptoms. It here at Fit 4 Life Physical Therapy. We understand you feel that way. Please reach out to us and let us help with the attention that you enjoy. Let us be your ally in your quest for better health.

### Our Services

- Manual based physical therapy
- Manual therapy
- Therapeutic exercise
- Massage & Dry Needles
- Performance Coaching
- Ergonomics

Whether it's a new injury or a long-term chronic injury, we have pain and injuries. We have the time and our highly trained staff will take care of you when you are in the presence of our caring and caring staff. Contact Fit 4 Life Physical Therapy today and let us help you getting back to the activities you love.

**Call Us Today!**  
440.340.3717

**Our Hours\***  
Mon, Tues - 9am - 6pm  
Wed, Thurs - 9am - 6pm  
Fri, Sat, Sun - Closed  
\*Appointment hours by appointment

[Book An Appointment](#)

17111 Academy Drive, Suite 102  
Garland, Texas 75042

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# Flipside VR

The screenshot displays the Flipside VR website homepage. At the top, the browser address bar shows 'flipsidevr.org'. The website header includes the Flipside VR logo (a stylized 'O' with a blue and green gradient) and the tagline 'Interactive Wellness Specialists'. Navigation links for 'Home', 'About Us', 'Testimonials', and 'Contact' are visible in the top right.

The main content area features a large hero image of a man wearing a VR headset and holding controllers, with a woman standing behind him. Below the image is the text: 'VIRTUAL REALITY: GO WHERE YOU'VE NEVER BEEN. DO WHAT YOU'VE NEVER DONE.' and a smaller text box that reads 'FLIPSIDE VR Bringing virtual reality experiences to patients to improve their overall health and wellness.'

Below the hero image, there are three columns of text:

- What is Virtual Reality?**  
Virtual Reality is the creation of a virtual environment shown to our senses in such a way that we experience it as if we were there.  
At Flipside VR, we bring patients meaningful experiences! Clients with limited mobility, those recovering from surgeries, or undergoing dialysis treatment can enter a multi-dimensional environment and transport themselves to another place. Research indicates that VR interactions help to awaken areas of the brain where stimulation is needed. Some clients enjoy a thrilling experience, while others like to travel to far away places. The possibilities are endless!  
We are a mobile virtual reality company. Our immersive VR equipment provides your patients the with the most life-like experiences.
- UPCOMING EVENTS**  
There are no upcoming events.
- LATEST NEWS**  
New Palmetto Township-based business Flipside VR uses virtual reality to improve health, wellness  
November 3, 2018 - 1:47 pm

A 'Friends of Flipside VR' section follows, displaying logos for: JerginOne.com, Lakestart, coininja, Eastern Lake County (Chamber of Commerce), and VR/AR ASSOCIATION MEMBERS.

The footer is divided into four sections:

- HOURS OF OPERATION**  
Monday: 9:00 a.m. - 6:00 p.m.  
Tuesday: 9:00 a.m. - 6:00 p.m.  
Wednesday: 9:00 a.m. - 6:00 p.m.  
Thursday: 9:00 a.m. - 6:00 p.m.  
Friday: 9:00 a.m. - 6:00 p.m.  
Saturday: 9:00 a.m. - 2:00 p.m.  
Sunday: Closed
- WE ACCEPT**  
Logos for VISA, Mastercard, American Express, Bitcoin, and thereum, along with the PayPal logo.
- MEMBERSHIPS**  
Logos for Eastern Lake County (Chamber of Commerce) and VR/AR ASSOCIATION MEMBERS.
- FOLLOW US**  
Social media icons for Facebook and LinkedIn.

At the bottom, a copyright notice reads '© 2018 Copyright Flipside VR LLC. All rights reserved.' and navigation links for 'Home', 'About Us', 'Testimonials', and 'Contact' are repeated.

# Mentor High School Cross Country Team

Mentor High School Cross Country Team

www.mentorcrosscountry.com

Home of the Mentor Cardinals Cross Country Team

HOME OUR TEAM NEWS CALENDAR BAUM'S PAGE PACK CLUB PHOTOS SUMMER PROGRAMS RESOURCES CONTACT US

XC Season Starts in 113 Days 22 Hours 3 Minutes 46 Seconds

### "TEAM OF CHAMPIONS" — MENTOR HIGH SCHOOL CROSS COUNTRY

Cross Country was started at Mentor High School in 1931 but it was dropped from the sport program in 1936. Ed Masonbrink was the first cross country coach and at the same time was also the football coach. Some cross country meets were scheduled at the half time of the football game. Because of the dual roll of the coach there wasn't much interest in cross country. Therefore, it was discontinued.

Coggan Reese started the program again in 1961. The program has been quite successful at Mentor and the team has never had a losing season in dual meets. Dave McLaughlin was the coach for one year, 1979 and then Jim Green took over the program. Green coached cross country for 25 years.

The current coach is Bill Dennison and he has been coaching the Mentor Boys program since 2005.

#### UPCOMING EVENTS

There are no upcoming events at this time.

"Most people run a race to see who is fastest. I run a race to see who has the most guts."  
--Steve Prefontaine

#### QUICK LINKS

- Home
- Our Team
- Summer Programs
- News
- Calendar
- Baum's Page
- Pack Club
- Photos
- Resources

#### RECENT NEWS

- District Champs, State Qualifier 2017 Patch January 23, 2018
- November Meeting Minutes & 50/50 Raffle December 3, 2017
- Indoor Track and Field Training Begins December 5, 2017
- Spirit Wear Update & Meeting Reminder November 10, 2017
- Concessions Volunteers & Craft Fair November 6, 2017

#### STAY INFORMED!

First Name

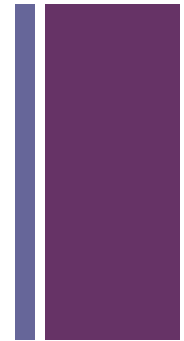
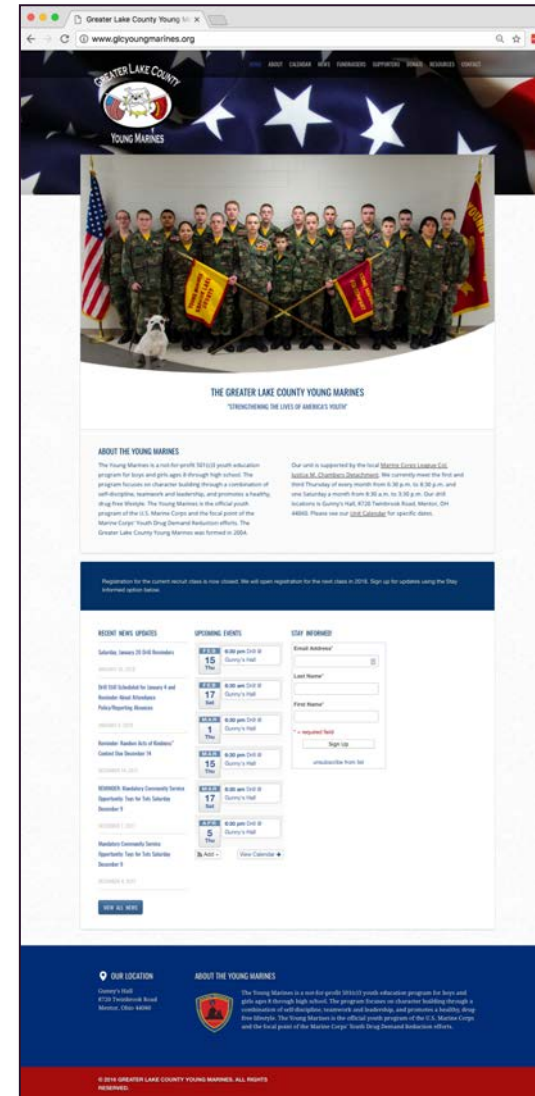
Last Name

Email Address

Subscribe

© Copyright 2017 Mentor Cross Country



# Greater Lake County Young Marines





# Kucera International Inc.

HOME SOLUTIONS ABOUT CONTACT









## Aerial Photogrammetric, Remote Sensing, & Geomatic Services Professionals

providing Sky to Screen Aerial Imaging and Mapping

Kucera International Inc. is a full-service provider of professional aerial and ground sensing/surveying, orthoimagery, photogrammetric mapping, geospatial data processing, LIDAR, and related geomatic services for government, commercial/industrial, professional, institutional, and other applications. Kucera completes hundreds of projects annually throughout the United States and abroad covering areas ranging in size from a few acres to tens of thousands of square miles. A tailored approach supported by our extensive staff and technology resources is provided for each project to ensure the delivery of high-quality data in a timely and cost-effective fashion.

### Our Services

We combine powerful technology, a dedicated staff, and a rigorous quality control program to produce the highest GIS data available, with time and cost savings. Our comprehensive aerial mapping and related geomatic services include:

			
<b>Aerial Photography</b>	<b>Cadastral Mapping</b>	<b>Data Edit, Conversion</b>	<b>LIDAR</b>
			
<b>Orthophotography</b>	<b>Plotting, Graphic Design</b>	<b>Stereocompilation</b>	<b>Volumetric Survey</b>

**Headquarters**  
38133 Western Parkway  
Willoughby, Ohio 44094  
Phone: 440.375.4230  
Fax: 440.375.4238  
62 Sand Street



**Quick Links**

- ◊ In the News
- ◊ Our Services
- ◊ Featured Projects

**About**

Kucera International Inc. is a full-service provider of aerial photography, remote sensing, airborne and ground control surveying, orthophotography, planimetric/topographic mapping, cadastral mapping, GIS support and related geomatic services. Kucera International provides high-quality and cost-effective geographic tools and data services for hundreds of individual projects annually, throughout the United States and abroad, ranging in size from a few acres to thousands of square miles. Kucera International is headquartered in Willoughby, Ohio with offices in Columbus, Ohio, Pittsburgh, Pennsylvania, Plant City, Florida and Bluffton, South Carolina.

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## “Sky to Screen” Geospatial Services

Keddal Aerial Mapping, located in Pittsburgh, Pennsylvania, provides full-service, high-quality, cost-effective aerial photogrammetric and related geospatial services for projects throughout the Eastern and Midwestern United States. Our customers include numerous professional service firms, industrial/commercial and mining companies, educational and research institutions/organizations, and state and local government agencies. At our Pittsburgh office and through our parent company, Kucera International Inc. of Willoughby, Ohio, we have a staff of highly experienced photogrammetric/geomatic professionals and the latest generation of proven aerial sensing, mapping, and geospatial processing/conversion technologies.

### Our Services

We provide a complete range of aerial mapping technologies and services including:

- Digital aerial photography
- Digital oblique photography
- Aerial LIDAR surveying
- Airborne & ground GPS surveying
- Digital orthophotography
- Digital terrain & surface modeling
- Digital planimetric & topographic mapping
- Aerial volumetric surveys
- Land use & cadastral mapping
- GIS/CAD conversion/support

### Contact Us

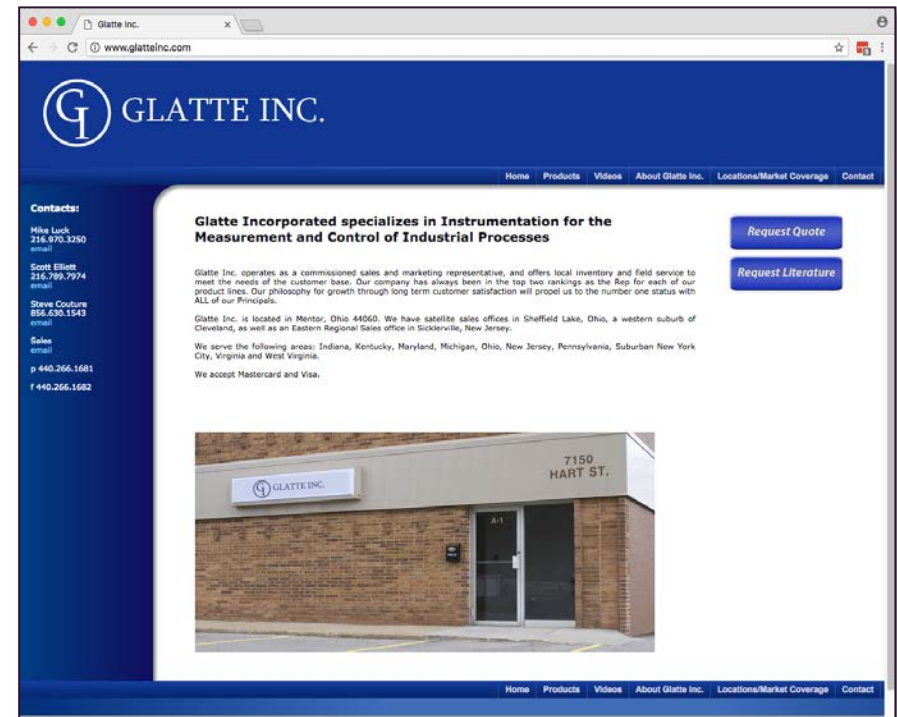
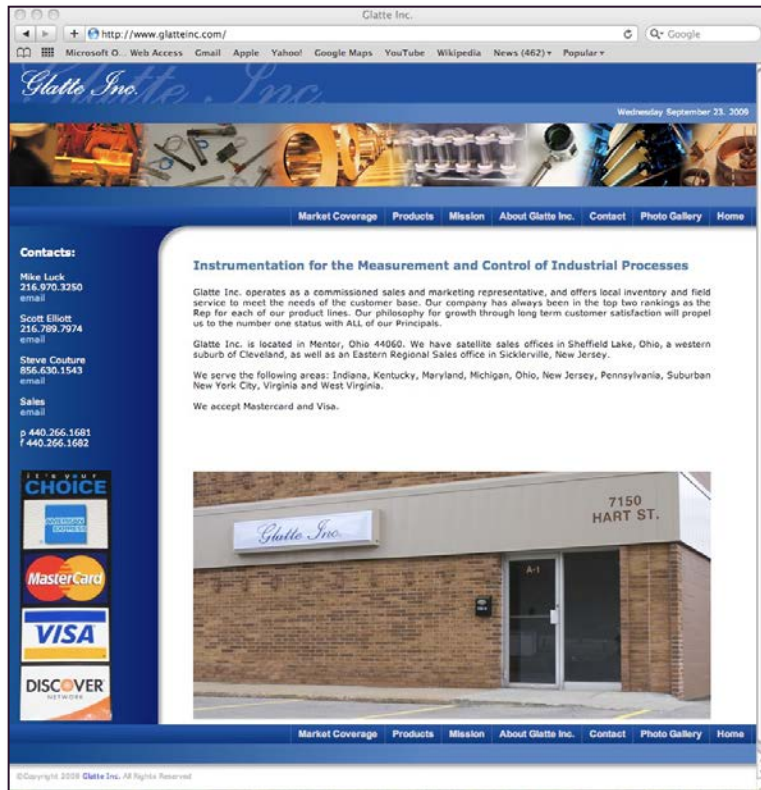
Call us today and find out why Keddal Aerial Mapping is right choice for all of your “sky to screen” geospatial needs.

1121 Boyce Road  
Suite 3100  
Pittsburgh, PA 15241  
Phone: 724.942.2881  
Fax: 724.942.2885  
E-mail: [map@keddalairial.com](mailto:map@keddalairial.com)

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# Glatte Inc.

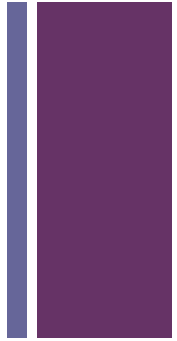
(Currently Being Redesigned)






# Graphic and Print Design

# Logos




# Business Cards



**GREATER LAKE COUNTY  
YOUNG MARINES**

**1ST BATTALION  
OHIO REGIMENT**



[WWW.GLCYOUNGMARINES.ORG](http://WWW.GLCYOUNGMARINES.ORG)

*"Strengthening the Lives  
of America's Youth"*

**Unit Commander**  
440.413.6707  
[uc@glcyoungmarines.org](mailto:uc@glcyoungmarines.org)

**Executive Officer**  
416.272.6067  
[eo@glcyoungmarines.org](mailto:eo@glcyoungmarines.org)

**Training Officer**  
440.428.5445  
[to@glcyoungmarines.org](mailto:to@glcyoungmarines.org)

**Paymaster**  
416.233.8368  
[pm@glcyoungmarines.org](mailto:pm@glcyoungmarines.org)

**Supply Officer**  
440.376.6690  
[so@glcyoungmarines.org](mailto:so@glcyoungmarines.org)

**YM Training Officer**  
440.994.9285  
[yt@glcyoungmarines.org](mailto:yt@glcyoungmarines.org)

**Christina Banno, Public Affairs  
Officer/Female Staff Advisor**  
440.655.9489  
[pao@glcyoungmarines.org](mailto:pao@glcyoungmarines.org)



**Lucille Cimino, MT-BC, NMT**  
Board Certified Music Therapist

Music Therapy  
Music Enrichment  
Music Lessons

(440) 290-9883  
[Lucy@SoundInspirationsMT.com](mailto:Lucy@SoundInspirationsMT.com)  
P.O. Box 651, Mentor, Ohio 44060

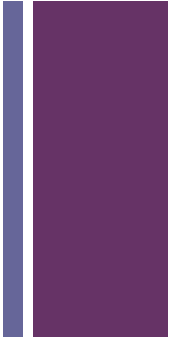


**Sound Inspirations**  
MUSIC THERAPY, LLC

Resonating Health and Wellness in the Whole Person

(440) 290-9883  
[www.SoundInspirationsMT.com](http://www.SoundInspirationsMT.com)

# Business Cards



**JENNIFER NIESET, P.T. CERT MDT**  
FIT 4 LIFE PHYSICAL THERAPY, LLC



*Fit 4 Life*  
PHYSICAL THERAPY

440.340.3717  
7575 Fredle Drive, Suite B2  
Concord, Ohio 44077  
jennifer@fit4lifephysicaltherapyohio.com  
www.fit4lifephysicaltherapyohio.com

**FIT 4 LIFE PHYSICAL THERAPY, LLC**  
YOUR NEXT APPOINTMENT

NAME:

DATE:

TIME:



**JOY Cimino**

216 233 6368 

cimino.j@gmail.com 

Facebook @joyjksdesigns 

www.bit.ly/jksdesigns 

www.bit.ly/cg\_jksdesigns 

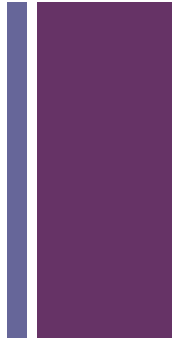


**JKS DESIGNS**  
UNIQUELY DESIGNED SHIRTS  
CUSTOMIZED APPAREL  
& GIFTWARE

# Post Cards



# Post Cards




**Coffee and Conversation**

You are invited to our quarterly get-togethers



**TWI**  
choosetwi.com


**Mark your calendar  
for our next meeting:**



**TWI**  
4045 Bradley Circle, NW  
Canton, Ohio 44718

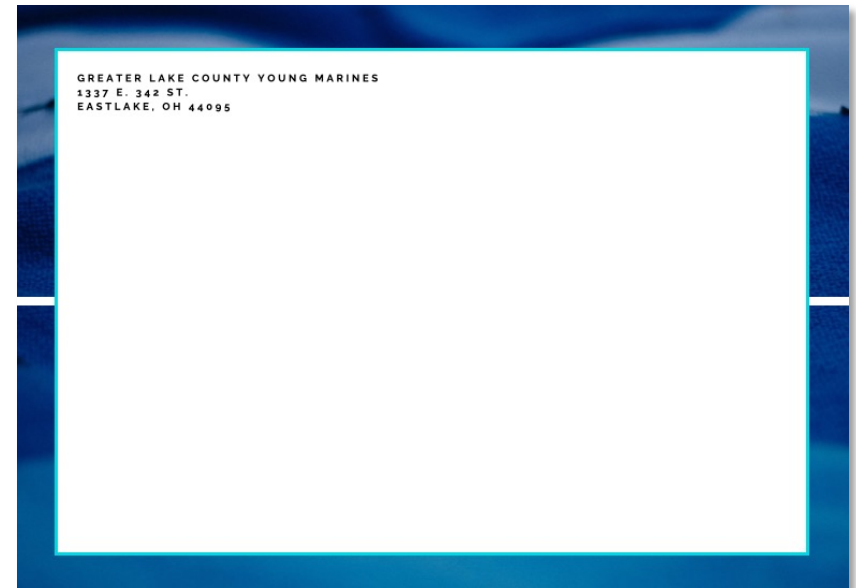
**About Coffee and Conversation**

A time for casual conversation with your Site Manager to get updates, share concerns, celebrate successes, and get to know each other a little better.





# Post Cards



# Product Post Cards



## First Class Aquatics

*Aquarium, Vivarium, Lighting Products and More*

[www.firstclassaquatics.com](http://www.firstclassaquatics.com)

*First Class Aquatics specializes in acrylic aquarium equipment, vivariums, lighting and other custom products. All equipment and vivariums are custom built to your specifications. Below is a list of our ever expanding product line. Contact us today to discuss your specific needs.*

 <p><b>Aquarium Products</b></p> <ul style="list-style-type: none"> <li>Kalk Reactors</li> <li>Internal Overflow Boxes</li> <li>Nano-Tanks</li> <li>Hang-on-Tank CO<sub>2</sub> Reactors</li> <li>Hang-on-Tank Refugiums</li> <li>Acrylic Flange Sets</li> <li>Pump Holders</li> <li>DIY Kits</li> </ul>	<p><b>Vivarium Products</b></p> <ul style="list-style-type: none"> <li>Vivarium Cubes</li> <li>Vivarium Inserts</li> </ul> 	<p><b>Other Products</b></p> <ul style="list-style-type: none"> <li>Acrylic Sheets    Weld-on #16</li> <li>Acrylic Tubing    Laser Cutting</li> <li>Custom Built Unique Items</li> </ul> 
 <p><b>Lighting Products</b></p> <ul style="list-style-type: none"> <li>HQI Retrofit Kits 70 and 150 Watts</li> <li>Aromat Ballasts</li> <li>Finnex Power Compact Refugium Lights</li> </ul> 	<ul style="list-style-type: none"> <li>Ushio HQI Bulbs 70 and 150 Watts</li> <li>Ushio Mogul Base Bulbs 250 Watts</li> <li>Dual Actinic Retrofit Kits 32 Watts</li> <li>250 Watt Retrofit Kits</li> </ul>	 <p>For more information, visit our website at <a href="http://www.firstclassaquatics.com">www.firstclassaquatics.com</a></p>

# Stationary



440.340.3717 | 7575 Fredie Drive, Suite B2 | Concord, Ohio 44077

[WWW.FIT4LIFEPHYSICALTHERAPYOHIO.COM](http://WWW.FIT4LIFEPHYSICALTHERAPYOHIO.COM)

FIT 4 LIFE PHYSICAL THERAPY, LLC  
7575 Fredie Drive, Suite B2  
Concord, Ohio 44077



# Miscellaneous Graphics

A silhouette of a person's head and shoulders, facing away from the camera. The background is dark with red starburst effects around the text. The overall aesthetic is gritty and motivational.

**BE**  
*legendary*

Pull the trigger, ride the bull, and cut the cord wrapped around your neck  
Hanging by threads, hands bleeding, edge of glory, write your story  
Seize the moment, no regrets, our name in stone, forever more  
We want more.

It's our time to shoot the stars  
We ain't gonna stop till the world is ours, it's landslide, rocks below  
Ready to rise, ready to roll, let's go down in history  
Let's go, be legendary.


Take the power, scold the doubters, they don't know how we roll  
Keep an eye out, watch your back now, we're coming for the crown  
We want more.

It's our time to shoot the stars, we ain't gonna stop till the world is ours  
It's landslide, rocks below, ready to rise, ready to roll, let's go  
Down in history, let's go  
Be legendary.

**XC DISTRICTS • 10.20.18 • #ONCEACARD**

# PowerPoint Presentations




 **KUCERA INTERNATIONAL INC.**

**An Introduction to Commercial Aerial Mapping:  
Acquiring, Processing, and Delivering  
Remotely-Sensed Data**

Presentation for: University of Akron  
Date: April 28, 2015

*Worldwide Aerial Mapping Solutions*

## The Kucera Family of Companies

<b>Kucera International Inc.</b> 	<b>Henderson Aerial Surveys</b> 	<b>Keddal Aerial Mapping</b> 
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*Providing Worldwide Aerial Mapping Solutions*

## Kucera International Inc.

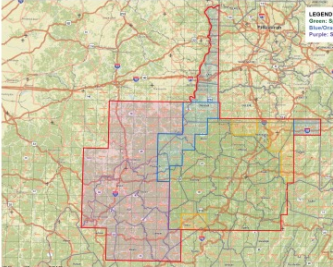
- Based in Northeast Ohio since our founding in the late 1940s
- Full-service aerial photogrammetric/remote sensing firm
- Related geomatic services: control/geodetic surveying, oblique imaging, cadastral and land use mapping, GIS
- Projects throughout the United States and abroad
- Staff of 70
- Sales of approximately \$8 million annually
- Headquartered in Willoughby
- Branch offices in Columbus, OH, Pittsburgh, PA, and Plant City, FL



# Brochures/Sell Sheets

**Kucera Oil and Gas Services**

**2014 Aerial Photography and LiDAR  
Marcellus Shale Region, Northern West Virginia**



**WHY LiDAR?**  
Aerial photography with LiDAR is superior to photography only for modeling and topographic mapping purposes in West Virginia terrain. LiDAR provides a direct (vs. visually interpreted) reading of the ground and much higher density of ground elevation points in wooded areas than can be achieved through aerial photo-based photogrammetry. Aerial photography with LiDAR provides redundancy of ground measurement which is further checked with ground survey control, resulting in a high accuracy elevation data.


Kucera International Inc., in collaboration with SLS Professional Energy Consultants, has captured Spring 2014 last-of-digital aerial photography and aerial LiDAR covering approximately 3,000 square miles of the Marcellus Shale Region of Northern West Virginia. An additional 1,700 square miles of expanded photo and LiDAR coverage is currently being captured, with another 3,800 square miles of coverage in northeastern West Virginia and southwestern Ohio planned for Spring 2015.

The aerial data is suitable for producing:

- 0" digital orthorectify in 3 or 4-band
- 1"=60' and smaller scale planimetric and topographic feature mapping
- Digital elevation and surface models
- Digital terrain models and 2" or larger scale

FOR MORE INFORMATION, CONTACT  
Brad Piper: [bpiper@kuceraintl.com](mailto:bpiper@kuceraintl.com)  
Jane Katselick, L.S.: [jankatselick@kuceraintl.com](mailto:jankatselick@kuceraintl.com)  
Thomas Meeks: [tmeeks@kuceraintl.com](mailto:tmeeks@kuceraintl.com)

Kucera International Inc.  
58133 Western Parkway  
Wilkesboro, OH 44094-7589  
800.746.8237  
[www.kucerainternational.com](http://www.kucerainternational.com)



**Aerial Mapping Services for Oil, Gas, and Coal**



**Keddal Aerial Mapping** is a leading provider of aerial mapping services for oil, gas, and coal industry applications, including exploration, extraction, storage, and transport. Keddal regularly serves numerous oil, gas, and coal companies and their engineering/surveying consultants on projects throughout the Americas.

Services and data products typically provided by Keddal include:

- Aerial photography and orthophotography
- Aerial LiDAR surveying, DEMs, DTMs, and DSMs
- New and updated planimetric and topographic feature mapping
- Stockpile volume calculations/surveys
- GIS and CAD conversion

These services and data products are used for planning, design, permitting, monitoring, accounting/auditing, reporting, and other purposes for well pad/boring sites, pipeline corridors, haul roads and rail lines, mining areas, material stockpiles, storage facilities, disposal areas, and other sites of activity. Keddal understands that time and accuracy are of the essence to its oil/gas/coal customers and meets these requirements with a combination of advanced technologies, specialized capabilities, considerable resources, geomatics expertise, and long service experience. Keddal's fleet of four twin-engine and two single-engine aircraft are maintained/prepared in-house for rapid mobilization. The aircraft have modern avionics and long range fuel tanks providing ability to reach sites and complete flyovers at the first opportunity. Keddal's twin-engine aircraft have two sensor ports, allowing Keddal to capture aerial photo imagery and LiDAR on the same flight mission. Keddal operates large format digital strip imaging cameras for time and cost-effective large area orthophoto imaging and digital frame cameras for high accuracy stereo mapping applications. Keddal's latest generation LiDAR systems have multiple air pulsing capability for increased return point density and accuracy. The LiDAR survey provides ground return representation superior to that which can be derived from stereo aerial photo imagery, particularly in areas which are wooded or obscured in photo imagery by shadows. The digital cameras capture high quality color and infrared imagery which provides good feature detail for mapping even when captured under marginal lighting conditions. The georeferencing of the digital aerial photography and LiDAR return is accurately established through sensor-integrated airborne GPS/IMU systems and further refined/adjusted to the target datums through adjustment to GPS surveyed ground control.

At Keddal, Kucera headquarters, and Kucera's two other branch production offices, aerial data is processed for mapping, modeling, and/or quantitative analysis by a team of over 60 experienced geomatics/photogrammetric specialists, all with work being overseen/reviewed by licensed/certified engineers, surveyors, photogrammetrists, and GIS professionals. Orthorectage mosaics are produced in color or infrared at resolution ranging from 2" to 12". LiDAR return is digitized to digital elevation models (DEMs) and surface models (DSMs) having vertical accuracy up to 0.25' and supporting generation of topography at intervals as small as 0.30'. Aerial imagery is used to photogrammetrically check the LiDAR return and augment the return with break-in-grade and spot elevations to create digital terrain models (DTMs) and triangulated networks (TINs) for high accuracy modeling, contour formation, and volume calculations. Planimetric features at scales to 1"=10' are also accurately 3D modeled. The stereo aerial imagery or can be time/cost-effectively 3D digitized from orthorectified data in thorough QC reviewed/delivered before delivery in the specified CAD and/or format. Keddal maintains current version all major CAD and GIS technologies in-house. Keddal's staff works closely with the customer and provides reports, metadata, certification and technical support as needed to ensure understanding and optimal use of the deliverables.

**KEDDAL AERIAL MAPPING**  
A DIVISION OF KUCERA INTERNATIONAL INC.



**"Sky to Screen" Geospatial Services  
from Keddal Aerial Mapping**



Keddal Aerial Mapping, located in Pittsburgh, Pennsylvania, provides full-service, high-quality, cost-effective aerial photogrammetric and related geospatial services for projects throughout the Eastern and Midwestern United States. Our customers include numerous professional service firms, industrial/commercial and mining companies, educational and research institutions/organizations, and state and local government agencies. At our Pittsburgh office and through our parent company, Kucera International Inc. of Wiloughby, Ohio, we have a staff of highly experienced photogrammetric/geomatics professionals and the latest generation of proven aerial sensing, mapping, and geospatial processing/conversion technologies.

Keddal's regularly performed services include:

- Digital aerial photography
- Digital oblique photography
- Aerial LiDAR surveying
- Airborne & ground GPS surveying
- Digital orthophotography
- Digital terrain & surface modeling
- Digital planimetric & topographic mapping
- Aerial volumetric surveys
- Land use & cadastral mapping
- GIS/CAD conversion/support



# Brochures/Sell Sheets

## HOW IT WORKS

We work together with clients to maintain or improve their health and wellness through positive changes in a person's social, emotional, mental, physical, or spiritual well-being.

- Music can stimulate all areas of the brain
- No prior music experience is necessary
- Sessions are facilitated by a credentialed, board-certified music therapist (MT-BC)
- Clients actively participate in music interventions specifically designed for them
- A therapeutic relationship is carefully developed to support progress
- This evidenced-based practice uses current research to support treatment
- Documentation is provided for the client's treatment team



## ABOUT US

- Dedicated professionals with integrity
- Motivating progress in treatment
- Effective communicators
- Committed to advocating about the benefits of Music Therapy

Established by Lucille Cimino, MT-BC in 2016, we are dedicated professionals striving to increase access to Music Therapy services in the community. Our clinical experiences include providing music therapy services across a variety of populations of clients and settings including both children and adults.

We specialize in working with seniors and older adults at home, in senior living communities, or receiving hospice care. It is our mission to use musical experiences to resonate health and wellness in the whole person.



**Musical experiences to resonate health and wellness in the whole person**

## CONTACT

(440) 290-9883  
 Lucy@SoundInspirationsMT.com  
 www.SoundInspirationsMT.com

## FOLLOW US

Facebook: @soundinspirationamt

[www.soundinspirationsmt.com](http://www.soundinspirationsmt.com)

### MUSIC THERAPY SERVICES

Music therapy services consist of an initial formal assessment prior to the start of a schedule of sessions. The client's goals and objectives are addressed through interactive music experiences, facilitated by a board-certified music therapist (MT-BC). Music therapy sessions are adapted in the moment to the strengths and needs of the client, and their music preferences.

- Individual or group sessions
- 45 to 60 minute scheduled sessions
- On-location services available
- Contracted services with organizations such as rehabilitation and senior living communities
- Privately paid sessions for individuals
- Assessment and consultative services

### MUSIC LESSONS

Home-based or facility-based lessons for beginners, and/or adapted instruction, on piano, voice, guitar and more!

- Typical lessons: students of any age
- Adult piano lessons: a friendly approach to learning what you desire in a mature manner
- Adopted lessons: students of any age with unique abilities or specific needs

### MUSIC ENRICHMENT PROGRAMS

We offer interactive groups that suit your needs, consult on program development, and run our own music enrichment programs through community partnerships.

- Facilitated group drumming
- Stress relief and relaxation with music
- Stimulating memory recall in music
- Jam sessions and sing along groups

### THEY SAY...

"Thank you for the awesome music program. The seniors really look forward to it."

— The staff of an adult day service organization for persons with mild to moderate dementia

"Lucy is an inspiring and compassionate music therapist who is dedicated to providing an authentic and effective music therapy experience for her clients."

— Ami Kumano, MA, MT-BC colleague and founder of The Harmony Resource

### SPECIAL EVENTS

Let us facilitate a creative program to make your event unique and memorable.

- Corporate team building
- Caregiver support workshops
- Experiential presentations
- Community resource expos
- Private events or family experiences



# Brochures/Sell Sheets


**Young Marines Oligation**  
*From this day forward, I sincerely promise I will set an example for all other youth to follow and I shall never do anything that would bring disgrace or dishonor upon my God, my Country and its flag, my parents, myself or the Young Marines. These I will honor and respect in a manner that will reflect credit upon them and myself. Semper Fidelis.*

**Become a Greater Lake County Young Marines Supporter**

While we do receive some financial support from the Marine Corps League and other veterans' organizations, the National Young Marines, and the Marine Corps, we are primarily a self-funded organization that relies on dues, fund raisers and generous donations from supporters to maintain our unit. As a 501(c)3 organization, your donation is tax deductible. Please check with your tax advisor for more information.


Your donation will help strengthen the lives of America's youth. It's a gift that will help our young people learn the importance of self confidence, academic achievement, honoring the contributions of America's veterans, good citizenship, community service and a how to live a healthy, drug-free lifestyle. No matter the size of your budget, you can make a difference by providing financial support.

For more information, visit our website at [www.glyoungmarines.org/support.htm](http://www.glyoungmarines.org/support.htm).






**GREATER LAKE COUNTY  
YOUNG MARINES**

**1ST BATTALION  
OHIO REGIMENT**



"Strengthening the Lives of America's Youth"

**Greater Lake County Young Marines**

6240 Conley Road  
Concord, OH 44077

**Young Marines Creed**

1. Obey my parents and all others in charge of me whether young or old.
2. Keep myself neat at all times without other people telling me to.
3. Keep myself clean in mind by attending the church of my faith.
4. Keep my mind alert to learn in school, at home or at play.
5. Remember having self-discipline will enable me to control my body and mind in case of an emergency.



**Who We Are**

The Young Marines is a youth education and service program for boys and girls which promotes the mental, moral and physical development of its members. It focuses on character building and leadership, it promotes a healthy, drug-free lifestyle and it teaches the value of truthfulness, fairness, respect, courage, attention to duty and love of God and Country. The Young Marines is the official youth program of the U.S. Marine Corps and the focal point for the Marine Corps Youth Drug Demand Reduction efforts. The Greater Lake County Young Marines, which was formed in 2004, is a challenging, exciting and motivating program that requires a commitment to excel.

**Who We Are Not**

The Young Marines program is not a summer camp day care program or military school. If you are looking for a baby sitter, don't look here... do not expect the Young Marines staff to raise your child. That is not their responsibility and purpose.

The Young Marines is not a "seared straight" or "boot camp" type of program for troubled youths. We are not social workers, so don't expect us to work miracles in behavior improvement or behavior modification with your child. Our staff members are parents just like you, not professionals qualified to handle such issues. Our staff, however, will try to re-enforce standards of good behavior and academic achievement expected by any parent, as well as by society, with your child.

We are not a paramilitary group and are not a military recruiting station for any branch of the Armed Forces. Young Marines do not carry weapons and do not receive any form of combat training. While a Young Marine may decide to join the military when he or she turns 18, he or she is under no obligation to do so. Likewise, participation in the Young Marines program does not automatically guarantee acceptance into the Armed Forces.

**Membership**

The Young Marines program is open to all boys and girls ages eight through completion of high school. The only membership requirement is that the he or she must be in good standing at school. Our Young Marines and staff reside in the Greater Lake County area including Ashland, Cuyahoga, Geauga, Lake, Portage and Summit counties.

Since its humble beginnings in 1958 with one unit and a handful of boys, the nation-wide organization has grown to over 240 units with 10,000 boys and girls and 3,000 adult volunteers in 46 states, the District of Columbia, and, Germany, Japan and affiliates in a host of other countries.

**Training**

Our unit meets once a month for drill on a Saturday and consecutive Sunday. Various training activities include first aid training, drill, map and compass, just to name a few. Young Marines have the opportunity to earn ribbons for achievement in areas such as leadership, community service, extracurricular activities, academic excellence, first aid, CPR and drug resistance education.

Upon joining the Young Marines, "recruits" undergo a five month training program which takes place during our normal drill weekends. Recruits learn general subjects such as history, customs and courtesies, close order drill, physical fitness and military rank structure. After graduation, new Young Marines have the opportunity to learn more skills, earn rank, wear the Young Marine uniform, work toward ribbon awards and participate in parades, fund raisers and special events/trips.

**Our Volunteers**

Our unit is led by dedicated adult volunteers who are screened by the National Headquarters based on background information and recommendations provided with each person's registration. Several of our volunteers served in the military and believe passionately that the values they learned while serving our country had a positive affect on them. It is through the unit's caring adults that Young Marines learn the inner values of Leadership, Teamwork and Discipline.

**Parent/Guardian Involvement**

Our program is truly a family program and parent/guardian involvement is required. All parents/guardians are strongly encouraged to participate in the Parent Support Group which helps plan, organize and carry out many of our Young Marine activities, fund raisers and unit operations.


**For More Information**

Contact our Unit Commander, Bill Suckles, at 440.413.6707 or visit our website at [www.glyoungmarines.org](http://www.glyoungmarines.org). You can also visit the National Young Marines website at [www.youngmarines.com](http://www.youngmarines.com).





# Rack Cards






**THIS IS LITTER TOO**

Please don't flick your butts.

**Help reduce cigarette butt litter.**

Use ash receptacles to properly dispose your butts and cigar tips.



**DID YOU KNOW?**

**Cigarette butts are:**

- ☠ The most littered item in the nation.
- ☠ Toxic to marine and freshwater fish.
- ☠ Harmful because they degrade slowly and release chemicals into the environment.



**Dispose of cigarette waste properly.**

For more information visit [www.kab.org](http://www.kab.org)

# Mailers



## DON'T MISS YOUR OPPORTUNITY!



**The leaves will soon be falling,** providing an opportunity for foliage-free aerial mapping surveys with maximum ground and feature visibility.

**Let us help you** plan and execute your upcoming mapping projects.

**Our experienced staff** can develop an aerial survey plan which best meets your mapping/GIS needs, schedule, and budget.

**Our advanced technology** allows us to perform fall season aerial data acquisition, imaging, and mapping promptly and accurately.

**For more information, contact us:**



**HENDERSON  
AERIAL SURVEYS**

A DIVISION OF KUCERA INTERNATIONAL INC.

3889 Grove City Road  
Grove City, OH 43123  
p 614.539.3925  
f 614.539.3928  
map@hendersonaerial.com

**OUR IN-HOUSE SERVICES INCLUDE:**

Vertical & Oblique Digital Aerial Photography

Aerial & Terrestrial LIDAR Surveys

Multi/Hyperspectral & Thermal Remote Sensing

Airborne & Ground GPS Surveying

Digital Orthophotography

Digital Terrain & Surface Modeling

Digital Planimetric & Topographic Feature Mapping

Cross-section & Plan-profile Mapping

Volumetric/Earthwork Surveys

Land Use and Cadastral Mapping

GIS & CAD Data Conversion


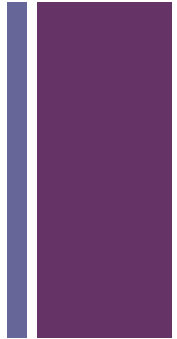
Call us today - 614.539.3925

It's time to fly!

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3889 Grove City Road  
Grove City, OH 43123

It's TIME to FLY


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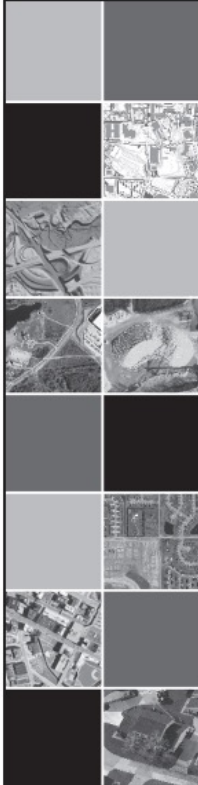
Your geomatics professionals for

- Aerial Photography •
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- Oblique Aerial Imaging •
  - Aerial LiDAR •
- Terrain and Surface Modeling •
  - Change Detection •
  - GIS Base Mapping •
- Land Use/Cover Mapping •
  - Cadastral Mapping •
  - Asset Management •
  - UAS/UAV Surveys •



38133 Western Parkway  
Willoughby, Ohio 44094

p 440.975.4230, f 975.4238  
www.kucerainternational.com



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**In-House Geospatial Services  
for Ohio Engineers**



- Aerial Photography •
- Oblique Imaging •
- Street View Imaging •
- LiDAR Surveying •
- Terrain and Surface Modeling •
- Planimetric/Topographic Feature Mapping •
- Digital Orthophotography •
- GIS Support •

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38133 Western Parkway  
Willoughby, Ohio 44094  
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map@kucerainternational.com

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# Advertisements

## AERIAL IMAGING RESOURCE GUIDE

### Kucera International

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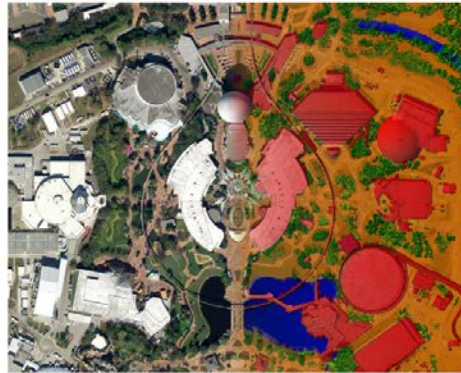
#### Tailoring Projects to Meet Client Needs

Kucera International is a leading provider of professional aerial sensing/surveying, photogrammetric imaging and mapping, GIS and related geomatic services for all levels of government. A tailored approach, supported by Kucera's extensive staff and technology resources, is used for each project to ensure timely, cost-effective services and deliver high-quality data that best meet client needs. Kucera's major in-house work and experience includes:

- Digital vertical and oblique aerial photography
- Aerial and ground LiDAR surveying
- Multi/hyperspectral and thermal imaging
- Airborne and ground GPS/control surveying
- Digital terrain and surface modeling
- Digital orthophotography
- Planimetric and topographic mapping
- Cadastral and land use mapping
- GIS conversion and analysis
- Emergency/distaster response



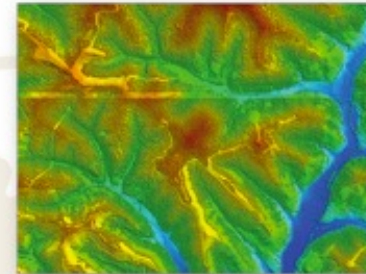
**KUCERA**  
INTERNATIONAL INC.



Kucera's team of experienced aerial geomatic specialists is ready to serve you. Contact us for a proposal on your project and more information on our "sky-to-screen" capabilities.

## "Sky to Screen" Aerial Services for West Virginia Surveyors

- Aerial Photography •
- Aerial LiDAR Surveying •
- Orthophotography •
- Terrain/Surface Modeling •
- Planimetric/Topographic Feature Mapping •
- CAD and GIS •



- 2014/2015 Leaf-off Aerial Photography + LiDAR •
- Harrison and surrounding counties •
- Supports 1"=50' scale mapping/2' contours •
- Through collaboration with SLS Energy Consultants •



**KEDDAL AERIAL MAPPING**  
A DIVISION OF KUCERA INTERNATIONAL INC.

1121 Boyce Road, Suite 3100  
Pittsburgh, PA 15241

p 724.942.2881, f 724.942.2885  
www.keddalaerial.com


# Project References and Proposals

Project References


## FLORIDA DEPARTMENT OF REVENUE SERVICE CONTRACT MULTI-COUNTY ANNUAL DIGITAL AERIAL PHOTOGRAPHY AND ORTHOPHOTO MAPPING

Kucera International Inc. has been the top-rated of Florida Department of Revenue's (DOR) pool of aerial mapping contractors for over a decade, having performed aerial photography and orthophoto mapping covering up to four counties and 7000 square miles annually since 2004. This work has included numerous repeat surveys based on the requests of DOR's county customers. The orthophotography has been produced in 3-band and 4-band at 12", 6", and 3" resolutions. The counties covered have included Lake (2004, 2005), Highlands (2005, 2008, 2011), Glades (2005, 2008, 2009), Hendry (2005, 2008, 2011, 2014), Gulf (2007, 2010, 2013), Jackson (2007), Calhoun (2007, 2010, 2011), Monroe, Marion, and St. Louis (2012), Hardee and DeSoto (2014), and Bay and Orange (2014). Kucera also provided 4-band digital aerial photos and orthophotography covering the Everglades National Park, Dry Tortugas, Marquesas Keys, and Boca Grande Key for the 2012 Monroe County project, and digital oblique aerial imaging covering portions of Calhoun, Hendry, and Monroe Counties in conjunction with county orthophotography projects. Kucera produced 3" and 6" orthophotography covering Orange County, Florida in 2016 under the DOR contract.

**SERVICES**  
**DIGITAL VERTICAL AERIAL PHOTOGRAPHY**  
 Captured in 4-band with Leica ADS40/ADS100 and Vexcel UCX/Eagle large format digital aerial camera at 12", 6", and 3" resolutions.  
**DIGITAL OBLIQUE IMAGERY**  
 GEOVISTA™ based 45 degree, 4-way at 3" or 6" resolutions for designated developed portions of three counties. Provided with GEOVISTA™ application software in stand-alone and ArcGIS plug-in form with training.  
**GROUND SURVEY**  
 Static GPS survey of approximately 50 photo identifiable feature or targeted ground points per county, including approximately 25 ground control points and 25 blind accuracy checkpoints. Survey report.  
**AERIAL LIDAR SURVEY**  
 Performed simultaneously with aerial photo capture for five counties to capture new DEM supporting orthomosaic rectification and ground terrain modeling. DEM deliverable in LAS format.  
**GEOREFERENCING**  
 Aerotriangulation of imagery using combined airborne GPS/IMU and ground control.  
**DIGITAL ORTHOPHOTOGRAPHY**  
 3-band natural color (17 surveys) or 4-band (10 surveys) at 12" (10 counties plus Everglades NP), 6" (six counties plus Dry Tortugas, Marquesas/Boca Grande Keys), or 3" (one county) resolutions in coordinate-grid defined GeoTIFF files and SID-compressed mosaic form.  
**METADATA AND REPORTS**  
 Florida MTS survey reports and FGDC project level metadata in XML for each county/project survey.  
**ACCURACY**  
 Florida WMD/DOR NSDDA based standards: 6" of horizontal accuracy for 12" resolution, 2" 3" accuracy for 6" resolution, and 1" accuracy for 3" resolution at 95% confidence.  
**COMPLETION TIME**  
 Six months total time frame annually.



Project Areas



Project References

## SAGINAW COUNTY, MICHIGAN COUNTYWIDE DIGITAL ORTHOPHOTOGRAPHY

The 2010 project was performed in conjunction with countywide orthophotography mapping projects performed by Kucera International Inc. for adjacent Bay and Midland Counties.

**SIZE**  
17,000 square miles

**VALUE**  
\$2.3 million


**DURATION**  
2004-2016

**CLIENT**  
Florida Department of Revenue  
Property Tax Administration  
501 South Calhoun Street, Rt.  
Tallahassee, FL 32399

**CONTACT**  
Charles Russell  
(850) 325-7556  
nrussell@dor.state.fl.us

**PROJECT MANAGEMENT**  
Project Manager: R. Weston  
Production/QC Manager: B. I.  
Chief Administrator: J. Anta  
Ground Survey: D. Van Horn  
Flight Plan: A. Mitchell  
Aerial Photography: D. Walk  
D. Cook  
LIDAR: N. Phillips  
Aerotriangulation: M. Albritt  
Orthophoto: A. Kaschall, S. J.  
Metadata: J. Jenkins

**SERVICES**  
**COLOR FILM AERIAL PHOTOGRAPHY (2005)**  
 1"~750', 1,500' scale. Approximately 1,300 exposures.  
**4-BAND DIGITAL AERIAL PHOTOGRAPHY (2010)**  
 Taken with Leica ADS40 aerial camera at 0.5" (4,700' flight altitude).  
**CONTROL SURVEY**  
 Airborne GPS/IMU with targeted existing ground-based points (approximately 59 points in 2005 and 31 points in 2010).  
**DIRECT FILM SCANNING**  
 1,800 dpi (2005)  
**AERIAL LIDAR SURVEY**  
 Ortho-grade DEM acquisition (2010)  
**AEROTRIANGULATION**  
 Softcopy block and bundle adjustment (2005). ORIMA (2010).  
**STEREOCOMPILATION**  
 Photogrammetric review/update of existing county DEM in 2005, for LIDAR DEM review of new autocorrelated/compiled DEM (2010).  
**DIGITAL ORTHOPHOTOGRAPHY**  
 Produced at 1"~100' scale/0.5" pixel furnished in color and IR in TIFF/GeoTIFF format on DVD.  
**ACCURACY**  
 ASPRS Class 1



Saginaw County, Michigan 2010 Orthophotography

**SIZE**  
815 square miles


**VALUE**  
\$108,000 (2005)  
\$124,850 (2010)

**DURATION**  
April 2005-January 2006  
March-September 2010 (updated survey)

**CLIENT**  
Saginaw Area GIS Authority  
1455 South Washington Avenue  
Saginaw, MI 48601

**CONTACT**  
Dan Hoffman  
(989) 759-2180  
danhoffman@saginaw-mi.com

**PROJECT MANAGEMENT TEAM**  
Project Manager: R. Martin  
Chief Administrator: J. Antalovich, B.  
Survey Manager: E. Bardon  
Aerial Photography: G. Cox, D. Cook  
LIDAR: N. Phillips  
Stereocompilation: G. Bollinger  
Aerotriangulation: M. Albritt  
Orthophotography: S. Hunt  
Quality Control: S. Antalovich



COPY



## Proposal for 2017 Regional Digital Orthophoto Images and Associated Data

Central Oklahoma Alliance of Government Agencies

Prepared for:  
ACOG  
4205 N. Lincoln Blvd.  
Oklahoma City, OK 73106-5210

Due Date: December 8, 2016 at 2:00 p.m.  
RFP No: 2017-01

Submitted by:  
Kucera International Inc.  
FEIN: 54-0509463  
38133 Western Parkway  
Willoughby, Ohio 44094  
tel: 440.975.4230  
fax: 44.975.4238  
maps@kuoerainternational.com





# Technical Information Sheets

VTAC 7

## The industry standard for efficient control of HVAC systems

Now all NEMA 1 and NEMA 12 VTAC 7 drives are approved for mounting in conditioned air ducts and plenums.

### Standard Features

- Ratings from 1-400 HP at 460 Volt, and 1-100 HP at 208 Volt Flux Vector Quiet Control for HVAC
- Digital AC variable speed drive with advanced electronics to reliably control your HVAC fan or pump from Rockwell Automation, a leader in motor and drive technology.
- Pre-engineered commonly specified kits for the HVAC market. Complete UL 508 listing as a package with these drives and all factory engineered for easy contractor mounting and wiring.
- IGBT transistor technology for reliable quiet motor operation. 1-75 HP at 8 kHz carrier frequency without derating the drive. 100-400 HP at 4 kHz carrier frequency. Option for 100-150 HP at 8 kHz for quiet motor operation.
- Power matched premium efficient motors that meet the National Energy Law. Guaranteed motor performance to withstand any high drive generated voltage.
- Designed to comply with IEEE 319-1992 Harmonic Distortion Standard.
- Compact size for maximum mounting density.
- Simple LED keypad for drive set up, control, fault indication, and metering.



- RS232 port for host computer configuration, control, and monitoring. Optional cards for EMS network connection capabilities.
- Configurable I/O for maximum system connection capacities.
- Selectable PWM carrier frequency for system acoustical tuning characteristics.
- Up to 85,000 ampere interrupting capacity for power line feeds.
- UL and NEC approved electronic motor overload protection.
- NEMA 1 or NEMA 12 enclosures, UL approved for installation in compartments handling conditioned air.
- Motor current limit and regenerative voltage limits.
- Standard digital keypad functions:
  - start/stop
  - hand/off/auto
  - digital speed selection in hand mode
  - password protection
  - LED display of motor speed, volts, amps, Hz, kW, and input speed reference
  - elapsed time meter
- Start into rotating (windmilling) motor without decelerating or tripping.

- Simple connection to fire and life safety systems. Smoke and fire purge as well as freestat and other selectable interlocks.
- Up to 8 programmable preset speeds.
- Vector control for accurate speed control and "trip free" operation.
- 0-20 mA or 0-10 VDC speed reference inputs and selectable 0-20 mA or 0-10 VDC output proportional to speed or load.
- Adjustable auto restart (number of restarts and time delay between attempts are selectable). Display indicates when controller is attempting a restart.
- Frequency avoidance bands with adjustable band widths enables the drive to lock out mechanical resonance points.
- "S" curve acceleration and deceleration for smooth speed transitions and high inertia fan wheels.
- Power line drip ride through capability for up to 10 seconds.
- Line-to-line and line-to-ground output short circuit protection - running and starting.

Transistors switched at frequencies up to 8 kHz to reduce PWM induced motor audible noise. Without derating

the controller or motor, this technology limits the increase of audible motor noise to not more than 3 dba when compared to sine wave operation. Unique transistor control circuits also allow drive to motor distances of up to 500 ft. before output filtering considerations must be applied.

We guarantee that the waveform at the motor conduit box will not exceed the limits specified in NEMA MG1 31.40.4.2.

### Packaged Options

- Three optional enclosures for housing modifications
  - 1.) Style A - Main Input Disconnect and Input Fuses
  - 2.) Style B - Main Input Disconnect, Input Fuses, Complete Magnetic Contactor ByPass with cover control and indicating lights.
  - 3.) Style B Plus - Main Input Disconnect, Input Fuses, Magnetic Contactor ByPass and Three-phase Input Line Reactor.
- Johnson Metasys N2, Modbus, BACnet, or Siemens Building Technologies communication card.

### Compact - With or Without Packaged Options

- Three styles of compact option enclosures mounted and factory wired maximize drive density.
- 20 HP 460 Volt example:
  - 36" x 13" x 11" with Main Input Disconnect and Input Fuses
  - 40" x 16" x 11" with above plus Complete Magnetic Contactor Bypass
  - 44" x 16" x 11" with all options including input line reactor

### Backed by a Worldwide Service Organization

- Rockwell Automation employs 300 service engineers in 60 locations throughout the US and Canada.
- Factory authorized Reps for startup and service assistance.
- Numerous factory repair parts stocking centers nationwide.

### Simple Documentation Packages for Submittals and Installation

- Standard submittal drawings for engineering review and approval.
- Dimensions and contractor wiring connection drawings for ease of installation.
- CAD files available for system design
- Instruction manual D2-3372 for installation and maintenance.
- For dimensions, refer to submittal drawing package ZD-407.

### Service Conditions

- Elevation to 3300 ft (1000 meters) Derate 3% for every 1000 ft. above 3300
- Ambient temperature range cabinet: 0°C to 40°C (32°F to 104°F)
- Atmosphere non-condensing relative humidity: 5-95%
- AC line voltage variation: rated input voltage plus or minus 10%
- AC line short circuit withstand: 30,000-85,000 AIC with fuse protection
- AC line frequency variation (50/60Hz): 48-62 Hz
- Storage temperature: -40°C to 65°C (-40°F to 149°F)

### Volts

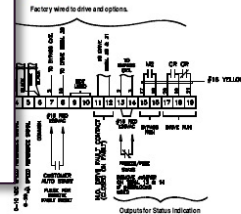
Rated Output Amps	Drive Model Number
5.1	1R2160
8.5	2R2160
12.3	3R2160
21	5R2160
28.9	7R2160
35	10R2160
53.9	15R2160
78.1	20R2160
91	25R2160
105	30R2160
135	40R2160
150	50R2160
195	60R2160
245	75R2160
275	100R2160

Model size 3XXHX240

ation (PWM):

er factor: 0.96

### Diagram



- Maximum load: 110% continuous
- Frequency stability long term: 0.01% of base speed with digital keypad
- 0.5% of base speed with analog speed reference
- Linearity (speed reference to output frequency): ±1.0%

### Standard (Nominal) Values

- Acceleration time: linear 0.1 to 999.9 sec.
- Deceleration time: linear 0.1 to 999.9 sec.
- Volts/Hz profile: selectable
- Minimum frequency: 3 to 60 Hz
- Maximum frequency: 15 to 240 Hz
- Current limit: 50-110%

This is not intended to provide operational instructions. Appropriate Drive instructions normally provided should be read prior to use, or maintenance of equipment.

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Label Manufacturing Solutions  
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 170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640  
 Bay, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1848

Tel: (1) 864 297 4800, Fax: (1) 864 261 2433

Europe: Rockwell Automation, Brühlstraße 22, D-74834 Etnsig, Durlach, Germany, Tel: (49) 6261 5410, Fax: (49) 6261 17741  
 Asia Pacific: Rockwell Automation, 55 Newton Road, #11-01/02 Revenue House, Singapore 307987, Tel: (65) 351 0723, Fax: (65) 355 1373

# Event Invitations

**Process Solutions User Group**  
Annual Meeting, November 17 - 18, 2008  
Gaylord Opryland Resort & Convention Center  
Nashville, TN



**THINKING PROCESS**



Allen-Bradley • Rockwell Software



## Process Solutions User Group Annual Meeting

Monday, November 17 and Tuesday, November 18

### You're Invited!

Join us for our Annual Process Solutions User Group (PSUG) meeting. It's a great way to exchange ideas with your peers, learn best practices and find solutions to process issues. Plus, your feedback helps us determine our development priorities and technical roadmap.

This year's 2-day, User-led event will focus on:

- Process and advanced process control
- Safety and Critical Control
- Evolving industry standards
- Asset Management
- Process optimization
- Green manufacturing
- Regulatory compliance
- Safety and Critical Control
- Asset Management
- Green manufacturing

**NEW!** Earn Professional Development Hours or Continuing Education Units for each educational session you attend. See page 4 for details on this year's topics.

### Location

This year's Annual Meeting will be held at the Gaylord Opryland Resort & Conference Center. Visit [www.gaylordhotels.com/gaylord-opryland/meetings](http://www.gaylordhotels.com/gaylord-opryland/meetings).

### Monday Night Party

The Monday night party will be aboard The General Jackson Showboat, offering great views of the city along the Cumberland River. This complimentary river cruise includes dinner, refreshments and a live bluegrass performance by Chuck Mead (3-time GRAMMY® nominee) and The Grassy Knoll Boys. Transportation to and from the dock will also be provided.

### Fee and Registration

The participation fee is \$55/99 per person. On-site registration will be available. This fee covers all sessions, meals, refreshments, and the Monday night party.

A block of rooms will be held at the Gaylord Opryland Resort. Reservations for PSUG customer attendees only are available the registration process. Please visit [www.rockwellautomation.com/events/automationfair/psug.html](http://www.rockwellautomation.com/events/automationfair/psug.html) for hotel accommodations and travel to and from PSUG, cost not included in participation fee. Registration can be transferred to other individuals or refunded before November 1, 2008, if you cannot attend.

### Inquiries and Contact

If you have any questions related to this event, please contact:  
Jennifer Godale: 216.266.7248, [jgodale@ra.rockwell.com](mailto:jgodale@ra.rockwell.com)  
Scott Anthony: 440.646.5260, [seanthy@ra.rockwell.com](mailto:seanthy@ra.rockwell.com)

[www.rockwellautomation.com/events/automationfair/psug.html](http://www.rockwellautomation.com/events/automationfair/psug.html)

## THINKING PROCESS



### Keynote Speakers

**Steve Eisenbrown, Sr. VP of Architecture and Software, Rockwell Automation**

#### Keynote Update

Eisenbrown was appointed senior vice president, Architecture and Software at Rockwell in November 1998. In this role, he is responsible for the worldwide performance of this business with more than 7,500 employees in 15 countries. Prior to his current role, Eisenbrown was president, Global Sales and Support, European Region. From 1993 to 1995, he was vice president, Commercial Marketing, Automation Group. His career with Rockwell Automation began when he joined Reliance Electric, as a sales engineer. Eisenbrown earned a bachelor's degree in electrical engineering from the Ross-Hulman Institute of Technology, Terre Haute, Indiana, U.S.

**Michael Ziesemer, Chief Operating Officer, Endress+Hausser**

#### Keynote Update

Ziesemer began his career with Endress+Hausser in 1981 as head of department of product development for flow measurement. From 1983 to 1987, he was a business unit manager "Product Line" of Endress+Hausser GmbH + Co. From 1990 to 1992, Ziesemer was responsible for Europe. From 1992 to 1994, Ziesemer was a managing director of Endress+Hausser GmbH + Co. In 1994, he took a position as managing director of Endress+Hausser. From 1999 to 2001, Ziesemer was director of the Endress+Hausser Consult AG, responsible for the 13 European Sales Centers. Endress+Hausser Group. Since 2001, Ziesemer has been a board member (Sales & Marketing) of Endress+Hausser Group, and has recently become the company's Chief Operating Officer.

**Joel Makower, Greener World Media Inc.**

#### Keynote Update

Makower is a writer, speaker and strategist on corporate environmental practices, clean energy and green marketing. He has helped a wide range of companies align environmental goals with business success.

**Herman Bozenhardt, VP and General Manager, BE&K BioPharm**

#### Keynote Update

Bozenhardt is a technology oriented pharmaceutical executive with 32 years of experience in operations, process engineering, process technology, automation technology, and pharmaceutical regulatory affairs. This experience covers a broad front that includes pharmaceuticals experience, pharmaceutical services business management, engineering, automation integration at all levels. He earned a Master of Science in System Engineering from the City College of New York, as well as a Bachelor of Science in Chemical Engineering from the City College of New York.



1:45 p.m.	Customer Presentations Session 1: 1:45 - 2:45 p.m. Session 2: 2:45 - 3:45 p.m. Session 3: 3:45 - 4:45 p.m. Session 4: 4:45 - 5:45 p.m.
5:45 p.m.	User-Led Priority Voting Results
6:00 p.m.	Meeting Close

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- Direct Hotline into The Crockett Team
- Feedback of All Showings E-Mailed Daily
- Free Use of Moving Trucks



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## THE REAL ESTATE MARKET IS HEATING UP

- ✓ Buyers are **Buying Now!**
- ✓ Interest rates are still **Historically Low!** (But are still on the rise)
- ✓ There are **Less Competing** homes for sale.
- ✓ Sellers can **Capitalize Now!**
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- ✓ Buyers want to move in **By Summer!**
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# Newsletters

Today's Forecast  
**SWELTERING**

TECHED TRIBUNE

**GOSSIP**  
Kevin Roach spotted with Julia Roberts?  
 **8**

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Issue 8, Volume 17
Scottsdale, Arizona
June 11th, 2006

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★★★★
★★★★
★★★★

## The Buzz: InstaCorp Energizes the Sports Drink Market

Sometimes we all need a little boost, and when we do, InstaCorp is there with its innovative drink products. Headquartered in Denver, Col., InstaCorp is a leader in the sports drink market. The company has nine production plants, which make and distribute products throughout the globe.

For a long time InstaCorp thought they had their fingers on the pulse of their production operations. But when they had to get really agile – had to roll with the punches the market was delivering – it quickly became obvious they didn't have the systems in place to react. "We ended up in a constant fire-drill mode and it cost us in a lot of ways. Our brand is our bond with our customers and we were letting them down," InstaCorp CEO, Kurt Meerkat says.

Like all beverage makers, InstaCorp is under increasing pressure to reduce operating costs and increase profits. To combat these challenges and boost its competitiveness, the company looked at Rockwell Automation to help it optimize its production processes and to help develop a more integrated manufacturing enterprise.

InstaCorp's primary product line, InstantEnergy, is an undisputed leader in the sports drink market. Formulated with a patented mix of vitamins, electrolytes and organic, energy-boosting ingredients, InstantEnergy is a soft drink with extra oomph. Its get-up-and-go effects have naturally made the product popular among many consumer groups.

"Traditional caffeinated beverages provide a minimal energy increase and their affects are too brief," said Meerkat. "Our goal was to create an on-the-go beverage that packs an immediate punch, giving consumers a pick-me-up when and where they need it."

Tune in to the televisions and monitors in your hotel throughout the week for the buzz on InstaCorp and its lively product, InstantEnergy.

**Achieve the Results in Today's Global Marketplace**

Throughout the week of TechED, you will be introduced to InstaCorp in a variety of ways, through printed materials and hotel broadcasts. Learn how FactoryTalk helped InstaCorp overcome their barriers and reach success.

**Get tuned in throughout the week!**

SEE WHAT'S ON...

Don't miss your opportunity to see what's on TechED TV, view important news broadcasts on all hotel TVs and monitors

### Executive Profile

#### Meet Kurt Meerkat

InstaCorp's CEO, Kurt Meerkat, is originally from Long Island, NY. He has a BS in Finance from Georgetown University and an MBA from the University of Colorado at Denver. Meerkat resides in Denver, Col. with his wife and three children. He enjoys golf and skiing.

Sooper Soap Reports Record Earnings

Just a year ago, its business was going down the drain and analysts said the Sooper Soap Company was all washed up. But today the company reports record earnings after integrating the FactoryTalk Integrated Production and Performance Suit to meet its goals for higher performing systems.

"Thanks to FactoryTalk, we've really cleaned up our act," said Larry Lather, CEO, Sooper Soap. "We're so excited about the improvements that we're truly bubbling over with joy!"

Keep an eye out for more information on SooperSoap

---

### In Other News... *FactoryTalk*

The FactoryTalk Advantage

Rockwell Software FactoryTalk® delivers real-time integration of information between manufacturing and business systems to optimize production and improve your competitive advantage. FactoryTalk is a highly scalable, modular software suite that extends the Rockwell Automation Integrated Architecture offerings by deploying a robust service oriented architecture (SOA). Its flexibility allows for efficient plant-wide data sharing, easier integration, faster startup, and the ability to deliver critical information to those who need it, when they need it.

For more information, please visit [www.rockwellsoftware.com/factorytalk](http://www.rockwellsoftware.com/factorytalk)

### Why stand in line?

---

## Coming Attractions

Read more on InstaCorp this week...

**Monday, June 12**  
InstaCorp Wins the Sports Drink Game and Scores Big with FactoryTalk  
FactoryTalk's Integrated Production and Performance Suite helps InstaCorp optimize manufacturing of its core product line

**Tuesday, June 13**  
InstaCorp Goes Global and Launches InstantParty  
New Austrian production facility helps InstantParty explode onto the bottled cocktail market


**Wednesday, June 14**  
InstaCorp Integrates Rockwell Automation's Control and Information Systems to Squash the Competition  
Case Study: FactoryTalk helps beverage maker create a single integrated manufacturing enterprise to drive a global competitive advantage

**Thursday, June 15**  
InstaCorp Announces New Acquisition  
InstaCorp expands product line to include their latest acquisition

[www.insta-corp.com](http://www.insta-corp.com)

# Wall Calendars

## GREATER LAKE COUNTY YOUNG MARINES



2007

**Anna Marie Todd**  
Owner

**Strategic Change Management, Inc.**

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www.strategicchange.com

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Email: rabert@eastlakepolice.com

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Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
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SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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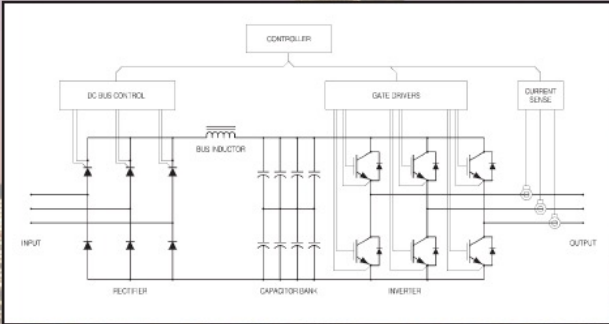
1ST BATTALION OHIO REGIMENT

For information about the Greater Lake County Young Marines or to become a supporter, please contact Bill Sickles, Unit Commander, at 440-413-6707.

# Posters

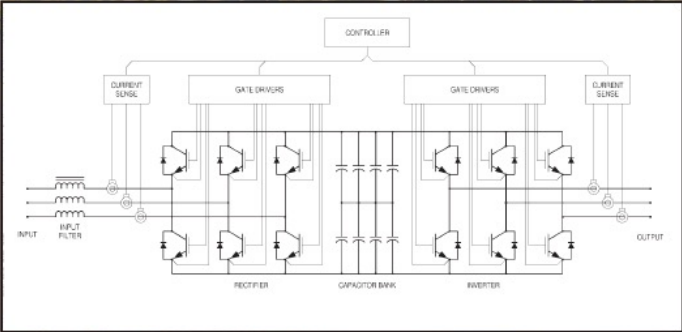
**LIQUI FLO**  
LIQUID COOLED AC DRIVE

## Standard AC Drive



The diagram illustrates the internal components of a Standard AC Drive. It features a three-phase AC input connected to a rectifier. The rectifier's output is connected to a DC bus, which includes a bus reactor and a capacitor bank. A DC bus control block is connected to the bus. The DC bus feeds into an inverter, which consists of two sets of three IGBTs (Insulated Gate Bipolar Transistors) and their respective gate drivers. A current sense block is connected to the output of the inverter. The output is a three-phase AC signal.

## Low Harmonic AC Drive



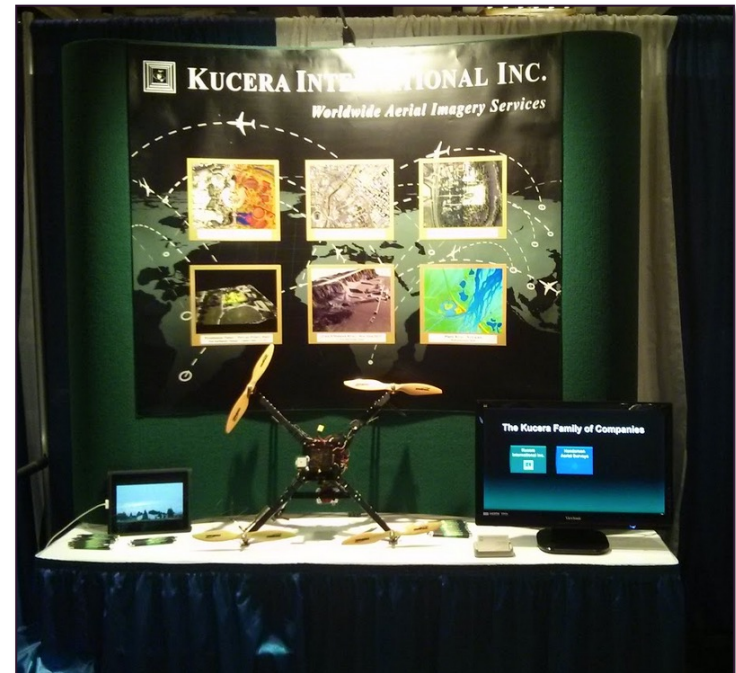
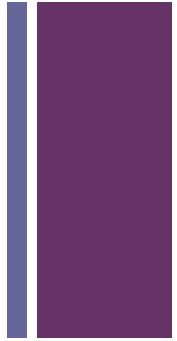
The diagram illustrates the internal components of a Low Harmonic AC Drive. It features a three-phase AC input connected to an input filter. The input filter's output is connected to a rectifier. The rectifier's output is connected to a DC bus, which includes a capacitor bank. A current sense block is connected to the input filter. The DC bus feeds into an inverter, which consists of two sets of three IGBTs and their respective gate drivers. A current sense block is also connected to the output of the inverter. The output is a three-phase AC signal.

**Rockwell Automation**

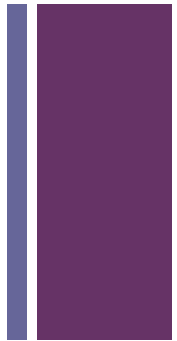


# Large-scale Trade Show and Event Signage

# Kucera International Inc.



# Kucera International Inc.



## KUCERA INTERNATIONAL INC.

*"Sky to Screen" Aerial Imaging/Mapping Services*



Aerial Photo and Orthophotography



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Planimetric Mapping



3D Color Model

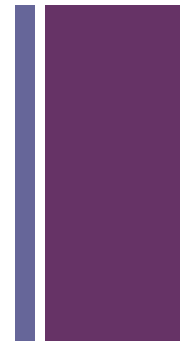


Land Use/Cultural Mapping

Willoughby, OH • Columbus, OH • Pittsburgh, PA • Plant City, FL • Bluffton, SC

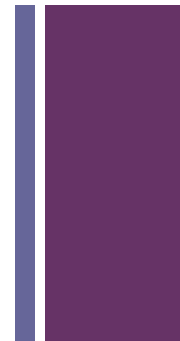


# Kucera International Display for Lake County Airshow





# HippieChick Noms



NO ADDED OIL

NO ADDED SUGAR



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# Rockwell Automation



Improve Speed to Change
Stabilize Budget

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PREDICT
PREVENT
REACT

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Improve system performance, identify energy efficiency opportunities, and optimize maintenance strategies. Assess system health, identify performance issues, and recommend corrective actions. Conduct energy audits, load analysis, and system optimization. Provide detailed reports and recommendations.

**REMOTE SUPPORT SERVICES**

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Reduce Downtime
Operate to Spec

**Strategic approach to Maintenance**

Improve system performance, identify energy efficiency opportunities, and optimize maintenance strategies. Assess system health, identify performance issues, and recommend corrective actions. Conduct energy audits, load analysis, and system optimization. Provide detailed reports and recommendations.

# Merck

## CERVICAL CANCER— Disease burden and efficacy of GARDASIL

### The burden of cervical cancer

Every year ~11,000 new cases of cervical cancer are diagnosed<sup>1</sup>

Despite screening progress, every 4th–30 women<sup>2</sup> will have to die from cervical cancer. There have diagnosed with cervical cancer.<sup>3</sup>

Screening progress measured as average HPV test type, not type to be used

In combined worldwide clinical studies over a period of 3 to 6 years of young women 16 to 26 years of age naive to HPV Types 6, 11, 16, and 18

**CERVICAL CANCER**  
HPV Types 16 and 18 cause ~75% of all cervical cancer.  
All and CIN 3 cases<sup>4</sup> and ~50% of CIN 2 cases<sup>5</sup>

**98% of effective against HPV 16- and 18-related CIN 2/3 or AIS**

See also 9 group including GARDASIL 9 (MSD) and 9 group including Gardasil 9 (MSD) (MSD, 05-14-16)

All abbreviations in %  
\*Based on the efficacy data from the GARDASIL 9 clinical studies. The efficacy of GARDASIL 9 in preventing HPV 16 and 18 related cervical cancer was 98% in women 16 to 26 years of age naive to HPV 16 and 18. The efficacy of GARDASIL 9 in preventing HPV 16 and 18 related CIN 2/3 or AIS was 98% in women 16 to 26 years of age naive to HPV 16 and 18. The efficacy of GARDASIL 9 in preventing HPV 16 and 18 related CIN 2/3 or AIS was 98% in women 16 to 26 years of age naive to HPV 16 and 18. The efficacy of GARDASIL 9 in preventing HPV 16 and 18 related CIN 2/3 or AIS was 98% in women 16 to 26 years of age naive to HPV 16 and 18.

### Indication

GARDASIL 9 is a vaccine indicated to girls and women 9 through 26 years of age for the prevention of cervical, vulvar and vaginal cancers, dysplasasia or dysplasia lesions, and genital warts caused by human papillomavirus (HPV) Types 6, 11, 16, and 18.

GARDASIL 9 is indicated to boys and men 9 through 26 years of age for the prevention of genital warts caused by HPV Types 6 and 11.

GARDASIL 9 does not eliminate the necessity for women to continue to undergo recommended cervical cancer screening. GARDASIL 9 has not been demonstrated to provide protection against disease from vaccine and non-vaccine HPV Types to which a person has previously been exposed through sexual activity.

GARDASIL 9 is not intended to be used for treatment of active external genital lesions, cervical, vulvar, and vaginal cancers, cervical intraepithelial neoplasia (CIN), vulvar intraepithelial neoplasia (VIN), or vaginal intraepithelial neoplasia (VAIN), or genital warts caused by HPV Types 6, 11, 16, and 18.

GARDASIL 9 has not been demonstrated to protect against disease due to HPV types not contained in the vaccine. Not all vulvar and vaginal cancers are caused by HPV, and GARDASIL 9 protects only against those vulvar and vaginal cancers caused by HPV Types 16 and 18.

### Select safety information

GARDASIL 9 is contraindicated in individuals with hypersensitivity, including severe allergic reactions to yeast, or other a protein of GARDASIL 9. Because reactions may develop during vaccination, including fainting with lightheadedness, observation for 15 minutes after administration is recommended. Syncope, sometimes associated with lightheadedness, is more likely to occur in adolescents and young adults. Syncope has been reported following vaccination with GARDASIL 9. When syncope is associated with loss of consciousness, the activity is usually transient and typically responds to resting cerebral perfusion.

GARDASIL 9 is not recommended for use in pregnant women. The most common adverse reaction was headache. Common adverse reactions that were observed among recipients of GARDASIL 9, at a frequency of at least 1%, and greater than placebo were fever, muscle aches, and injection site pain, swelling, erythema, pruritus, and bruising.

A complete vaccination regimen of GARDASIL 9 consists of a 3-dose schedule.

GARDASIL 9 has not been demonstrated to protect against disease due to HPV types not contained in the vaccine. Not all vulvar and vaginal cancers are caused by HPV, and GARDASIL 9 protects only against those vulvar and vaginal cancers caused by HPV Types 16 and 18.

every one counts

## VULVAR/VAGINAL CANCER— Disease burden and efficacy of GARDASIL

### The burden of vulvar/vaginal cancer

Each year ~5,500 new cases of vulvar/vaginal cancer are diagnosed<sup>1</sup>

~18 women<sup>2</sup> will be diagnosed with vulvar or vaginal cancer each day<sup>3</sup>

Screening progress measured as average HPV test type, not type to be used

In combined worldwide clinical studies over a period of 3 to 6 years of young women 16 to 26 years of age naive to HPV Types 6, 11, 16, and 18

**VULVAR/VAGINAL CANCER**  
HPV Types 16 and 18 cause ~88% of vulvar cancer cases<sup>4</sup> and ~70% of vaginal cancer cases<sup>5</sup>

**100% effective against HPV 16- and 18-related VIN 2/3 or VAIN 2/3**

See also 9 group including GARDASIL 9 (MSD) and 9 group including Gardasil 9 (MSD) (MSD, 05-14-16)

\*Based on the efficacy data from the GARDASIL 9 clinical studies. The efficacy of GARDASIL 9 in preventing HPV 16 and 18 related vulvar/vaginal cancer was 100% in women 16 to 26 years of age naive to HPV 16 and 18. The efficacy of GARDASIL 9 in preventing HPV 16 and 18 related VIN 2/3 or VAIN 2/3 was 100% in women 16 to 26 years of age naive to HPV 16 and 18. The efficacy of GARDASIL 9 in preventing HPV 16 and 18 related VIN 2/3 or VAIN 2/3 was 100% in women 16 to 26 years of age naive to HPV 16 and 18.

### Indication

GARDASIL 9 is a vaccine indicated to girls and women 9 through 26 years of age for the prevention of cervical, vulvar and vaginal cancers, dysplasasia or dysplasia lesions, and genital warts caused by human papillomavirus (HPV) Types 6, 11, 16, and 18.

GARDASIL 9 is indicated to boys and men 9 through 26 years of age for the prevention of genital warts caused by HPV Types 6 and 11.

GARDASIL 9 does not eliminate the necessity for women to continue to undergo recommended cervical cancer screening. GARDASIL 9 has not been demonstrated to provide protection against disease from vaccine and non-vaccine HPV Types to which a person has previously been exposed through sexual activity.

GARDASIL 9 is not intended to be used for treatment of active external genital lesions, cervical, vulvar, and vaginal cancers, cervical intraepithelial neoplasia (CIN), vulvar intraepithelial neoplasia (VIN), or vaginal intraepithelial neoplasia (VAIN), or genital warts caused by HPV Types 6, 11, 16, and 18.

GARDASIL 9 has not been demonstrated to protect against disease due to HPV types not contained in the vaccine. Not all vulvar and vaginal cancers are caused by HPV, and GARDASIL 9 protects only against those vulvar and vaginal cancers caused by HPV Types 16 and 18.

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## GENITAL WARTS— Disease burden and efficacy of GARDASIL

### The burden of genital warts

~1 million new cases of genital warts are diagnosed annually<sup>1</sup>

Treatment may reduce but will not cure the underlying infection<sup>2</sup>. After treatment, genital warts can recur<sup>3</sup> and HPV will still be transmitted to others<sup>4</sup>

In combined worldwide clinical studies over a period of 3 to 6 years of young women 16 to 26 years of age naive to HPV Types 6, 11, 16, and 18

**GENITAL WARTS**  
HPV Types 6 and 11 cause ~99% of all genital warts cases<sup>5</sup>

**99% effective against HPV 6- and 11-related genital warts**

See also 9 group including GARDASIL 9 (MSD) and 9 group including Gardasil 9 (MSD) (MSD, 05-14-16)

\*Based on the efficacy data from the GARDASIL 9 clinical studies. The efficacy of GARDASIL 9 in preventing HPV 6 and 11 related genital warts was 99% in women 16 to 26 years of age naive to HPV 6 and 11. The efficacy of GARDASIL 9 in preventing HPV 6 and 11 related genital warts was 99% in women 16 to 26 years of age naive to HPV 6 and 11. The efficacy of GARDASIL 9 in preventing HPV 6 and 11 related genital warts was 99% in women 16 to 26 years of age naive to HPV 6 and 11.

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GARDASIL 9 has not been demonstrated to protect against disease due to HPV types not contained in the vaccine. Not all vulvar and vaginal cancers are caused by HPV, and GARDASIL 9 protects only against those vulvar and vaginal cancers caused by HPV Types 16 and 18.

### Select safety information

GARDASIL 9 is contraindicated in individuals with hypersensitivity, including severe allergic reactions to yeast, or other a protein of GARDASIL 9. Because reactions may develop during vaccination, including fainting with lightheadedness, observation for 15 minutes after administration is recommended. Syncope, sometimes associated with lightheadedness, is more likely to occur in adolescents and young adults. Syncope has been reported following vaccination with GARDASIL 9. When syncope is associated with loss of consciousness, the activity is usually transient and typically responds to resting cerebral perfusion.

GARDASIL 9 is not recommended for use in pregnant women. The most common adverse reaction was headache. Common adverse reactions that were observed among recipients of GARDASIL 9, at a frequency of at least 1%, and greater than placebo were fever, muscle aches, and injection site pain, swelling, erythema, pruritus, and bruising.

A complete vaccination regimen of GARDASIL 9 consists of a 3-dose schedule.

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Every one counts—  
Today is an opportunity to  
help protect more patients

[FPO: Monitor placement](#)

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