

IEEE vTools

Dave Green
Past Director Region 3
Founding Member of vTools Team

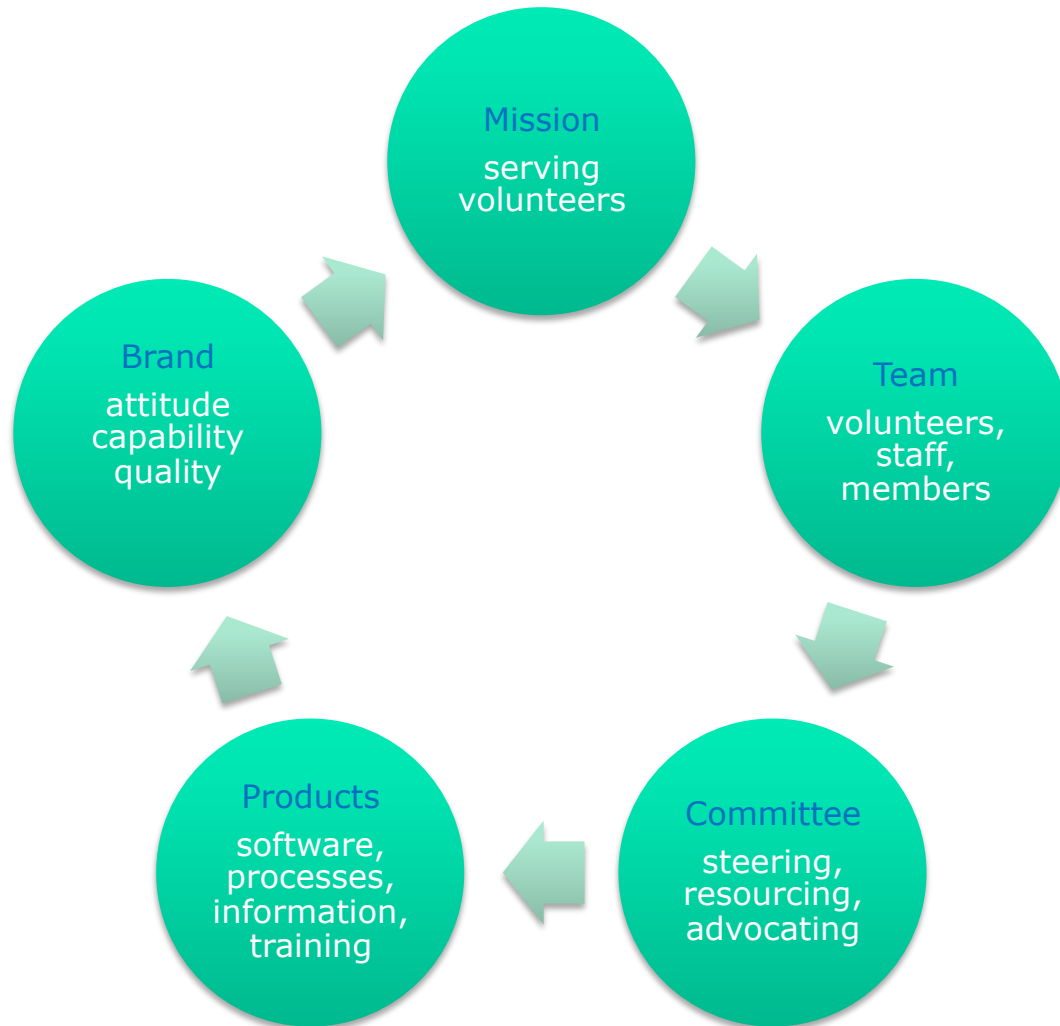
Thanks to vTools Team for Slides Deck to start from..

April 2015

Key Messages

1. Communicate what vTools is
2. Review available tools
3. Encourage use

vTools is a



vTools Mission Statement

**Providing tools to the
volunteers and staff
who support our members.**

Present Portfolio

In Production:

Meetings

WebInABox

Voting

Online Officer Reporting

Student Branch Reporting

eNotice

Web Conferencing - WebEx

Content Management System(CMS)/Blog– WordPress (staff, branded)

Survey tool – Chide.it Inc. (branded)

ReviewRoom – Chide.it Inc.

Recommended Tool

Doodle (just documentation, not branded)

Production means SLA-based support after an IEEE QA acceptance process

The Documentation Site

<http://vtools.ieee.org>

The screenshot shows the IEEE MGA vTools website homepage. At the top, there is a navigation bar with links to Home, Products, Tutorials, Blog, FAQ, Contact, and Feature requests & bug reports. Below this is a search bar and social media icons for Facebook, Twitter, YouTube, LinkedIn, and RSS. The main content area is divided into two columns. The left column contains a 'vTools Mission' section with the text 'Providing tools to the volunteers and staff who support our members.', a 'Quick Links' section with buttons for 'Create a WebInABox site', 'Report officer changes', 'Schedule a Meeting', 'Setup a Survey', 'Setup a Web Conference', 'Setup an election', 'Submit an eNotice request.', 'Submit L31 report', and 'Vote in an election', and a 'Categories' section with buttons for 'Miscellaneous', 'Uncategorized', 'vTools Marketing', 'vTools Software', 'vTools Meetings', 'vTools Voting', 'Web Conferencing', and 'WebInABox'. The right column features a 'Home' section with a video player showing a man speaking at a conference, followed by text describing the vTools toolkit and its role in supporting IEEE Sections, Chapters, and Branches. At the bottom, there is a footer with links to Home, Contact & Support, Terms & Conditions, Nondiscrimination Policy, Feedback, and Privacy & Opting Out of Cookies, along with a copyright notice for 2013 IEEE.

vTools.Meetings

- Form for entering meeting info: (who/what/when/where/registration)
- Displays meeting list online (anywhere)
- Handles registrations (start, end, limit)
- Credit Card registration payments for R1-R7 with deposits to Concentration Banking (support for R8-R10 is being investigated)
- Provides registration list and nametags file
- Various feeds: RSS, XML, iCal
- L31 report filing and flexible search with export to CSV (MS Excel compatible)
- Integrates with myIEEE

Example Web Page

[Meetings](#)

Central Texas



[Home](#) [Find Meetings](#) [Schedule Meeting](#) [L31 Meeting Reports](#) [About](#) [Admin](#)

Welcome, [\(Logout\)](#)

IEEE CTCN Monthly Meeting, Wednesday, January 28, 2015: "Breaking Barriers in Manufacturing with Low Cost 3D Printing"

The Consultants Network promotes the development of members' careers through professional and social networking, including publicizing members' skills and sharing potential professional opportunities, and supports the IEEE Central Texas Section. Website:

http://ewh.ieee.org/r5/central_texas/cn/

\$5.00 minimum cost for the restaurant. Supper is at optional extra cost. Reservations are not required. All interested parties are invited to attend.

When

Date: 28-January-2015
Time: 06:00PM to 08:30PM (2.50 hours)
All times are: US/Central
[Add Meeting to Calendar](#)

Where

2121 West Parmer Lane at Building: PoK-e-Jo's Smokehouse
Lamplight Village Ave.
Austin, Texas
United States 78727 [Click here for Map](#)

Who

[Email meeting contact...](#)
Bill Martino

More

No Admission Charge.

Registration

[Click Here to Register](#)

Speaker

Matt Fiedler of [rei:3D](#)

Topic: **Breaking Barriers in Manufacturing with Low Cost 3D Printing**

In the last few years the lowering cost and increasing availability of 3D printing technologies has given companies the leverage of faster prototyping and unique manufacturing capabilities. This is allowing companies to save time and money, strengthen market position, and enter new markets. We will discuss the landscape overview of 3D printing technologies for business, how 3D printing is changing business practices, and challenges faced during these transitional times.

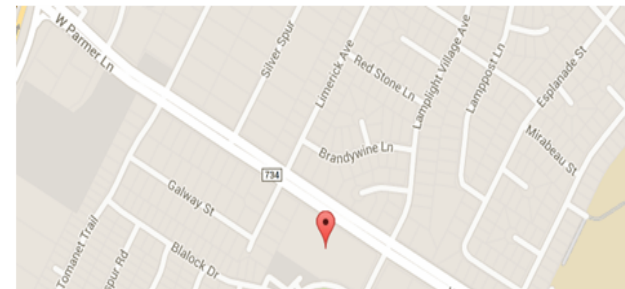
Biography:

Matthew earned his Bachelor's and Master's degrees from the University of Nebraska in Manufacturing Engineering and Biomechanics. He spent six years with the Neuroscience Laboratory at the NASA Johnson Space Center in Houston Texas as a Biomedical Engineer. Matthew's dedicated interest in research and development for 3D printing is breaking new ground in science and in industries from bronze casting to prosthetics.

Agenda

6:00 to 6:30pm -- Networking
6:30 to 8:30pm -- Business and Program

The Consultants Network meets monthly. Except when meeting jointly with other groups, the Consultants Network meets on the fourth Wednesday of each month. Meetings usually begin with informal networking from 6:00 to 6:30 p.m., followed by presentations from 6:30 to 8:30 p.m. by experts in technology, marketing, sales, advertising, financial or legal needs of small businesses and special needs of consultants.



What does Meetings mean?

- Easy to create a unit calendar
- Easy “pull” from multiple channels
 - myIEEE
 - RSS
- Easy to “push” meetings
 - Email with Links
 - RSS
- Solves registration problems

Region 4 Section Events from VTools

Event	Date	Section	Location
Energy Efficiency and Lean Manufacturing Seminar	2010-09-14	CENTRAL INDIANA	Indianapolis, IN
		SOUTHEASTERN MICHIGAN	Dearborn, MI
	10-09-15	CENTRAL INDIANA	Indianapolis, IN
	10-09-16	MADISON	Madison, WI
	10-09-16	MILWAUKEE	Chicago, IL
	10-09-16	MILWAUKEE	Ann Arbor, MI
	10-09-16	SOUTHEASTERN MICHIGAN	Ann Arbor, MI
	10-09-18	CEDAR RAPIDS	Iowa City, IA
	10-09-20	IOWA-ILLINOIS	Davenport, IA
	10-09-20	MILWAUKEE	Milwaukee, WI
	10-09-23	MILWAUKEE	Milwaukee,
	10-09-28	MILWAUKEE	Milwaukee,

Future release will contain @Meetings functionality

- * On site registration
- * Noting members for recognition
- * Noting non-members who have attended several meetings

Date	Event Title
24 Sep	Hybrid Measur Efficiency
24 Sep	IEEE-U Skills" Oct 20
24 Sep	

Section meeting times are: 5:00 pm to 6:00 pm

Date	Event Title	Speaker(s)
01 November 2010 05:15PM	November Section Meeting: Tour of the Rick and Bubba Studio and Broadcast Plaza [SPACE IS LIMITED]	Michael Helms
07 December 2010 05:00PM	December Section Meeting - Christmas Social [REGISTER NOW !!]	Stratford String Quartet

If you would like to see the past and future topics click: [Section Meetings](#)

WebInABox

- Basic web site “WebInABox” with Wizard-like interface for creation
- Data driven with auto updates from central IEEE database
- Enables a common look and feel compliant with IEEE web presence guidelines
- Integrates with Meetings tool
- No webmaster involvement required
- Supports Sections, Chapters, and Affinity groups.
- Not meant to compete with or replace complex content management systems such as WordPress

What does WebInABox mean?

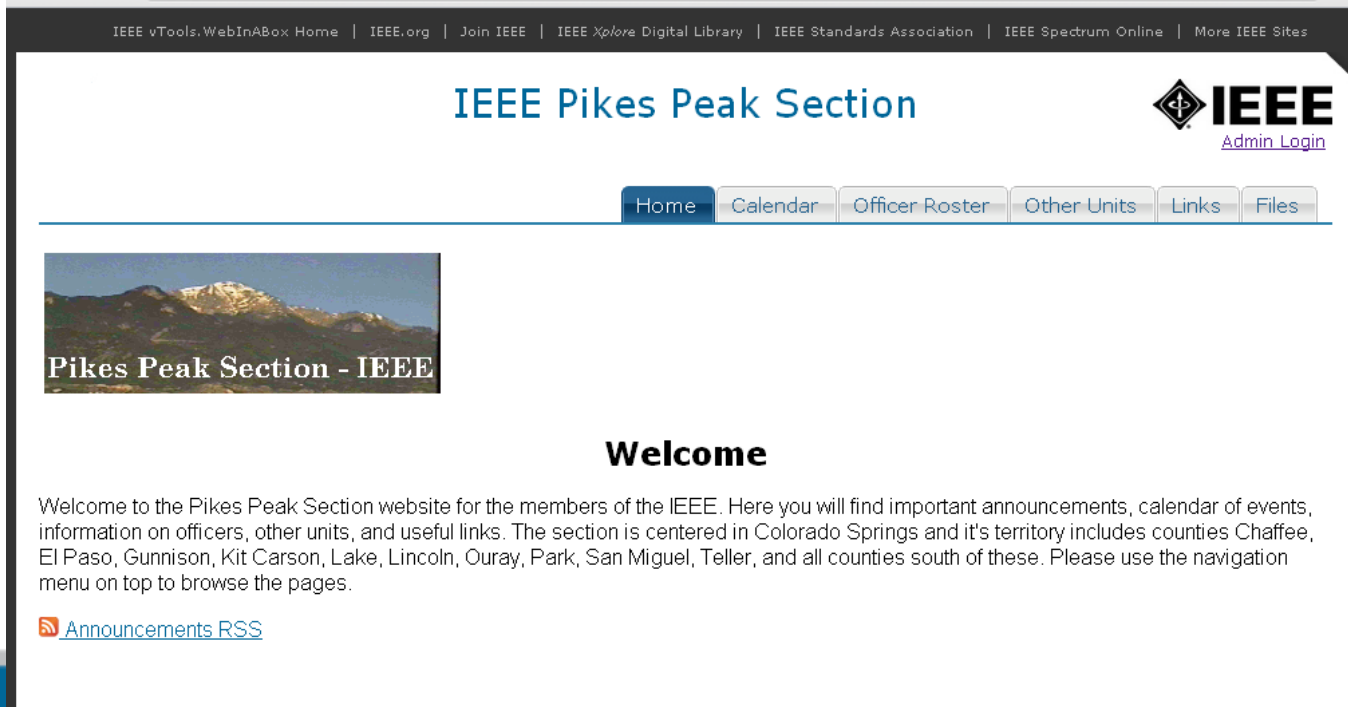
Web presence is important.

Web usage is declining

More unit web sites are out of date

WebInABox allows a system that can be neglected

<http://webinabox.vtools.ieee.org>



The screenshot shows the IEEE Pikes Peak Section website. At the top, there is a navigation bar with links: IEEE vTools, WebInABox Home, IEEE.org, Join IEEE, IEEE Xplore Digital Library, IEEE Standards Association, IEEE Spectrum Online, and More IEEE Sites. Below this is the main header with the text "IEEE Pikes Peak Section" and the IEEE logo with "Admin Login" next to it. A secondary navigation bar contains buttons for Home, Calendar, Officer Roster, Other Units, Links, and Files. The main content area features a photograph of Pikes Peak with the caption "Pikes Peak Section - IEEE". Below the photo is a "Welcome" heading followed by a paragraph of text: "Welcome to the Pikes Peak Section website for the members of the IEEE. Here you will find important announcements, calendar of events, information on officers, other units, and useful links. The section is centered in Colorado Springs and it's territory includes counties Chaffee, El Paso, Gunnison, Kit Carson, Lake, Lincoln, Ouray, Park, San Miguel, Teller, and all counties south of these. Please use the navigation menu on top to browse the pages." At the bottom left of the content area is a link for "Announcements RSS" with an RSS icon.

Voting

- Electronic Voting for local units
 - Currently supports all sections, chapters, and affinity groups, **councils, technical committees and society**
 - Flexible and full featured
 - Secured via SSL and web accounts

Web conference tool

- WebEx
 - Web Conferencing service to Geographic Organizational Units for online meetings, webinars, training, demos and presentations.
 - Multiple meetings at the same time via virtual meeting rooms
 - Contact IEEE Operations to setup a WebEx session: <http://sites.ieee.org/vtools/products/webex/webex-registration/>

What does Web Conferencing mean?

It supports unit webinars

It supports electronic training sessions

It allows recording of meetings for reuse

It reduces travel costs

Allows meeting attendance that distance or time otherwise prohibits

Advanced CMS and Blogging

- WordPress - a content management system with blogging features.
- This service is intended to meet the needs of IEEE Organizational Units that want to develop, create and maintain their own websites on an IEEE host.
- The general philosophy is that posting Organizational Units will be responsible for their contents, their maintenance and their conformance to IEEE policy.
- Organizational Units are expected to choose a single webmaster who is skilled in managing web contents. This webmaster will be the Organizational Unit contact.
- <http://sites.ieee.org/>

Surveys

- Vendor tool to quickly create online surveys using intuitive interface
- Integrated with IEEE web accounts for volunteer login
- Available to MGA Board members and MGA Board Committees as well as Region and Section EXCOM officers.
- Collected results can be easily analyzed and graphical reports can be shared with others.
- Contact us for more information.

ReviewRoom

- Tool to collect, organize, and evaluate online applications and submissions quickly and efficiently.
- Use for Awards & Nominations, Competitions, Scholarships & Grants applications.
- Contact vTools team to learn more and get access

Online Officer Reporting

- Automated tool for officer reporting
- Automated eligibility validation and immediate feedback
- Instantaneous data updates when submitted by authorized volunteers
- Quick review and approval process for submissions by non volunteers

Student Branch Reporting

- Tool for collecting and searching reports submitted by student branch volunteers such as annual plan and report of activities. Simplified reporting
 - It is a web-based tool
 - Merged 2 reports (Report of Activities and Plan of Activities) into one
 - Reduced number of fields that need to be filled out
 - Introduced electronic signatures by Chair and Counselor

eNotice

- ❑ IEEE eNotice is an electronic newsletter subscription service that has been developed for IEEE organizational units to facilitate email distribution of newsletters, meeting notices, social events and IEEE conference materials.
- ❑ vTools developed a web-based content management system to provide geographical organizational unit volunteers the ability to compose mailings while limiting staff involvement to mailings review and moderation.
- ❑ Volunteers have a self-service tool to send new and search sent email notices as well as provide RSS feeds and contact staff directly from the eNotice application.

Contact info

<http://vtools.ieee.org> – contains project status, blog, contact information, FAQ, and training information

vtools@ieee.org – contact e-mail for any questions related to the project

Jim Corr jimcorr@ieee.org - R3 ECS
Coordinator

