



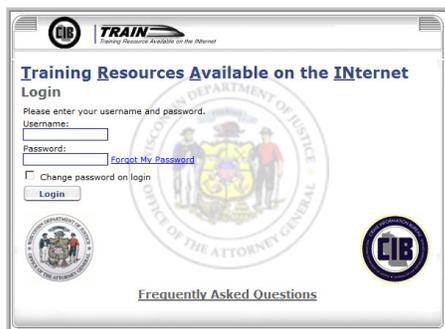
security mandate based upon the inability of the current MDB system to meet the increased security requirements. Part of the reason for the increase in MACH staffing was to help absorb the increased demand from agencies who wish to move off of the MDB system and onto MACH.



### Refresh Rate a Little Fresher

Users may or may not have noticed but around February 4<sup>th</sup>, 2015 the refresh rate in MACH was changed to update every 10 seconds rather than the previous setting of every 25 seconds. The change was made to allow MACH Bot queries to return more quickly. The more frequent exchange of data also provides faster location updates for mobile units as well as more rapid messaging between users.

### MDC (not eTIME) Certification Required for MACH Bot Use



Agencies preparing to utilize the MACH Bot to query the TIME system need to have their prospective users obtain **MDC certification** if they do not already have it. This can be done through CIB TRAIN system. eTIME

certification is different than MDC certification.

<https://ealoglein.justice.wisconsin.gov/>

### Viewing MACH Session History

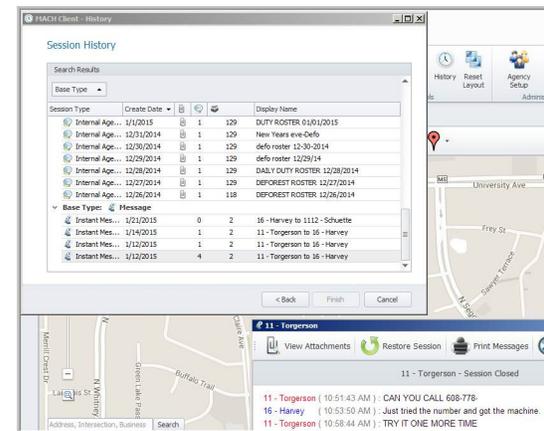


Oversight of the proper use of MACH rests with the user agency. For that reason each MACH Agency Contact has been asked to identify a maximum of two MACH users from their agency that will be granted the required privileges to use the **History** function in MACH for all of their agency's users.

The two identified History Administrators can include the MACH Agency Contact or they can be up to two other MACH users from within the agency. The **History** function allows those with the proper privileges to view a user's **session** history as well as a user's **activity** history.

A user's session history includes the user's messaging, MACH Bot queries and any other session based activity.

A user's activity history includes time/date stamped entries for logging into and out of MACH as well as status and sub-status changes for the user. **A user's location history (bread crumbing) is not maintained in the MACH History or on the MACH servers.**



### Microsoft XP No Longer an Option for Agencies Utilizing MACH Bot

Microsoft announced that after April 8, 2014, technical assistance will have ended for the Windows XP operating system. Included are automatic updates that help protect your PC from security vulnerabilities. This means that Microsoft will no longer provide the "security" updates which patch newly discovered vulnerabilities affecting the computer operating system. This could make your computer susceptible to viruses and malware which could compromise your computer system, your data, or open you up to identity theft. Some information technology security experts are warning that a "hacker storm" could happen as hackers start trying to gain access to unpatched systems.

In order to comply with the FBI's CJIS Security Policy, systems having access to Criminal Justice Information (CJI) must have up-to-date security patches on its computer operating system. **Agencies that used the Microsoft XP operating system should now have upgraded.**

# New Developments

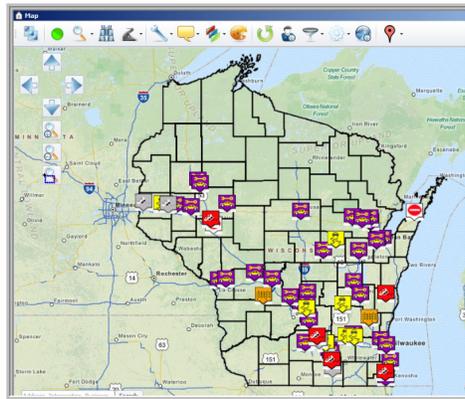
By Sgt. David Harvey

MACH improvements continue on many fronts. The following are a number of MACH improvements that are currently being sought, are under development or in testing.

- **Testing** - Expansion of the number of non-xml state returns that import from the MACH Bot into TraCS 10.
- **Approved for Development** – Simplification of the MACH Bot interface to include a quick vehicle/person search, and the ability to run the registered owner from a person search and more.

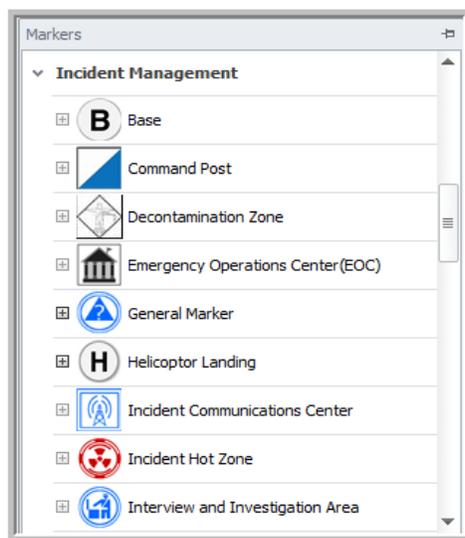
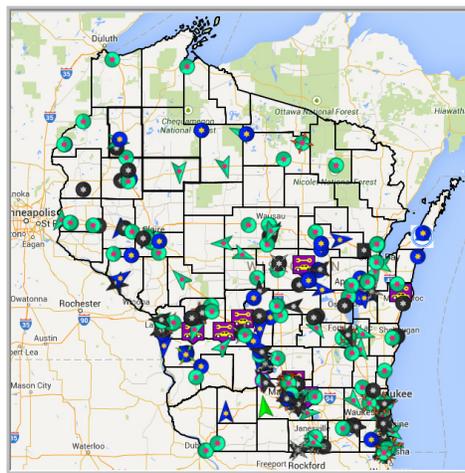


- **Testing** – Ability of MACH to utilize a **pre-loaded map**. Users in areas with limited connectivity could benefit from being able to use the same shape files used by the Incident Location Tool. Early testing looks promising but some additional development is needed.
- **Billing** – A billing process for the \$12/year per GPS enabled MACH device is being established. Look for requests for billing addresses in the near future.



## Cold Snap

A recent cold snap had the above MACH map busied with disabled vehicles, crashes and vehicle runoffs. The map shown below displays MACH users during an average day.

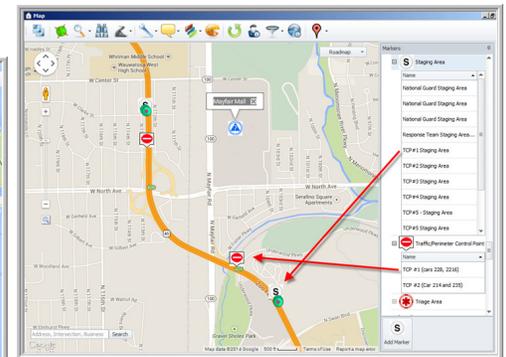


# MACH in Action

By Sgt. David Harvey

The Wisconsin State Patrol recently assisted the Milwaukee County Sheriff's Department with freeway patrols as a high profile officer involved shooting charging decision was announced.

MACH was used by the patrol to plot the location of staging areas, command posts, the emergency operations center, traffic control points as well as the reported location of demonstrations that could potentially affect major traffic thoroughfares.



Ongoing staffing of the freeway system required patrol officers from multiple regions to respond. MACH allowed officers that were unfamiliar with the area to view their reporting locations as well as their assigned patrol sectors. MACH also provided the State Traffic Operations Center and patrol representatives in the command posts and emergency operations center with near real time information regarding the location of WSP officers.

Current MACH User Agency Names	Agency Type
ADAMS COUNTY SO	County-Sheriff
ADAMS PD	City-Police
ALGOMA PD	City-Police
BARABOO PD	City-Police
BERLIN PD	City-Police
BLUE MOUNDS PD	Village-Police
BUFFALO COUNTY SO	County-Sheriff
BURNETT COUNTY SO	County-Sheriff
CAMERON PD	Village-Police
CLEAR LAKE PD	Village-Police
CRANDON PD	City-Police
DEPARTMENT OF NATURAL RESOURCES	Statewide-Law Enforcement
DUNN COUNTY SO	County-Sheriff
EAST TROY VILLAGE PD	Village-Police
HILLSBORO PD	City-Police
JUNEAU COUNTY SO	County-Sheriff
KEWAUNEE COUNTY SO	County-Sheriff
KIEL PD	City-Police
KRONENWETTER PD	Village-Police
LA CROSSE COUNTY SO	County-Sheriff
LA CROSSE PD	City-Police
LA FARGE PD	Village-Police
LAKE DELTON PD	Village-Police
MANAWA PD	City-Police
MARION PD	City-Police
MENOMONIE PD	City-Police
MISHICOT PD	Village-Police
MONROE COUNTY SO	County-Sheriff
OMRO PD	City-Police
PEPIN COUNTY SO	County-Sheriff
PULASKI PD	Village-Police
SAUK PRAIRIE PD	Village-Police
SHAWANO COUNTY SO	County-Sheriff
SPARTA PD	City-Police
SPOONER PD	City-Police
STATE CAPITOL PD	Statewide-Law Enforcement
STATE TRAFFIC OPERATIONS CENTER	Department of Transportation - Non-Law Enforcement
STURGEON BAY PD	City-Police
TOMAH PD	City-Police
TOWN OF FREEDOM PD	Town-Police
TOWN OF ROME PD	Town-Police
UW POLICE - PLATTEVILLE	UW System-Police
UW POLICE - STOUT	UW System-Police
VERNON COUNTY SO	County-Sheriff
WASHINGTON ISLAND PD	Town-Police
WAUPACA COUNTY SO	County-Sheriff
WAUPACA PD	City-Police
WEST SALEM PD	Village-Police
WISCONSIN STATE PATROL	Statewide-Law Enforcement
WOOD COUNTY SO	County-Sheriff