

Deccan International provides decision-support solutions for both strategic and real-time deployment planning, focusing on improved efficiency and responsiveness in fire and EMS operations. Deccan's product suite includes

Strategic/Planning tools - CAD Analyst and ADAM for optimal station siting and annexation analysis.

Real-time/Operational tools - LiveMUM for move-up recommendations, BARB for run-card building, and DiVa for real-time cross checking of AVL recommendations.



BARB

Box-area Automated Run-card Builder

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DECCAN INTERNATIONAL
Save Money, Save Lives

Saving you
time and
money by
automating
the run-card
process



DECCAN INTERNATIONAL
Save Money, Save Lives

Box-area Automated Run-card Builder

Your tool for fast and error-free run-card building



Communication Centers!

- ▶ Don't you agree that manually building run-cards is laborious and time consuming?
- ▶ Are the manually built run-cards free from errors and inaccuracies?

Here's BARB (Box-area Automated Run-card Builder) designed specifically to automate the building of static run-cards (pick lists) to save you hundreds, and even thousands of laborious man hours.

Build run-cards with BARB – in minutes!

BARB expertly handles the building of station and unit orders based on the type of dispatch system installed at each department. The tool makes station/unit recommendations by generating accurate road-network based running routes for each station/unit to every street address - in minutes!

Eliminate human errors!

The automated process eliminates the tedious task of constructing run orders for every unit that could possibly respond to an incident within each dispatch grid. BARB not only saves you time, but prevents avoidable mechanical errors to build error-free run orders.



Make changes to run-cards on the fly!

With BARB run-cards can be created on the fly, reflecting any changes in field deployment – such as station/unit relocation, addition, closure etc. If there's changes to road network, such as bridge or road closures, special events (4th of July parade), BARB can handle that too! By automatically re-building run orders to reflect these changes, BARB generates alternate run orders - easily and quickly!

Export run-cards directly to CAD

With the ability to export run-cards directly into the CAD, BARB provides a seamless and fail-safe process of incorporating these data-intensive run-cards for use with CAD systems.

BARB is built with the flexibility of interfacing with any CAD system, or working independently of the CAD. Contact your Deccan representative at sales@deccanintl.com to learn how this resourceful tool can work for you!

BARB and more!

Perform street network QA with BARB

With in-built street network QA tools, BARB renders itself a comprehensive quality assurance tool to verify the quality of road network maps used in Fire/EMS incident dispatch. BARB provides mechanisms to do a "sanity" check on routing attributes (one-ways etc), inaccessible streets and other street network attributes.

Use BARB as a CAD backup

In the event of CAD system failure, BARB presents itself as a backup for the CAD, providing complete run order information for instant and accurate incident dispatch. Built to work independently of the CAD system, BARB can stand in as a "proxy" CAD, transmitting the same precise dispatch recommendations as stored in the CAD.

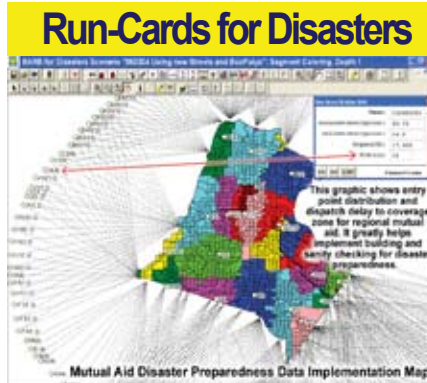
BARB for Disasters

No other software tool can build massive run-cards (of over a 1000 stations/units deep) like BARB can. Its automated processes allow for inclusion of unlimited mutual aid and region-wide stations, specialty vehicles, etc – a complete pick list of resource types that are imperative in planning for large-scale disasters.

BARB facilitates region-wide preparedness by configuring departments and their CAD systems with pre-planned disaster operations. So, during a catastrophic event, such as an earthquake, wildfire, and terrorist attack, the department is prepared and equipped to automatically switch to these pre-planned disaster operations, instantaneously!

Interoperability

BARB for Disasters fosters interoperability for earth-moving equipment, tow trucks, water rescuers, animal welfare personnel, emergency room capacities, and many other resources. These resources together with their response times, once researched and defined, can be entered into the CAD through BARB, and changed or updated as rapidly as needed.



Disaster planning by staging areas

Another significant feature of interoperability is staging units that can be incorporated in a disaster plan. BARB can demonstrate the logic of staging areas for those available units that are not yet assigned to stations. In BARB, each staging area can actually be designated a “station” and incorporated into the pick list. During an actual disaster, BARB would identify not just the closest station, but also the closest staging area from which to request units – a **vital factor in preparing for disaster.**

Area-wide information sharing

BARB generates an area-wide analysis of all the combined stations, road networks, travel speeds, unit locations and capabilities. Maintaining the shared data as a pre-planned disaster pick list, BARB enforces consistent transfers and timely updates of the compiled information to all departments and agencies, thus fully promoting interoperability.

Applications of BARB

BARB serves as a valuable tool to overcome many challenges Fire/EMS departments face by

- ▶ Pre-planning for road network changes, street closures, bridge closures, etc.
- ▶ Pre-planning for special events, such as 4th of July parade, Mardi Gras, New Years, etc.
- ▶ Preparing for regular and extreme traffic patterns based on speed and time of day, day of week, etc.
- ▶ Preparing for seasonal relocation of apparatus.
- ▶ Preparing for planned field deployment changes.

