SIM NORA B52K1 IMP
Simulator

The purpose of this simulator is training and perfecting the skills of forward observers (FOs) as well as rest of the NORA regiment. SIM NORAB52Kl IMP provides training of:

- whole regiment in sequences;
- procedures for FO (orientation to landmark, locating target, locating fall of shot, etc.);
- procedures for battery commander (coordination of FOs, use of software, decision making);
- procedure for battery deputy commander (calculation and delegation of shooting, weather, ammunition and target parameters between FOs and commander on one side and simulated gun crews on another side);
- procedures for gun position personnel (NORA gunner, NORA commander, GRS, BCP, RCP);
- general skills perfection of existing teams in highly configurable virtual field-like conditions.
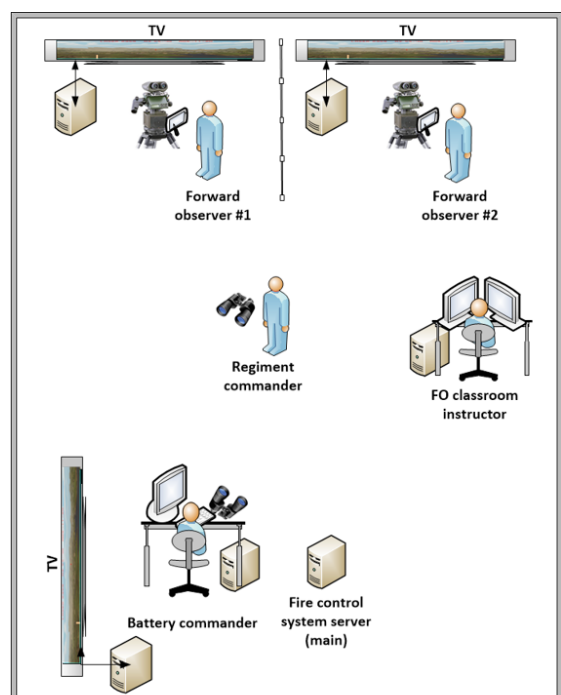

Simulated targets during

and after successful hits
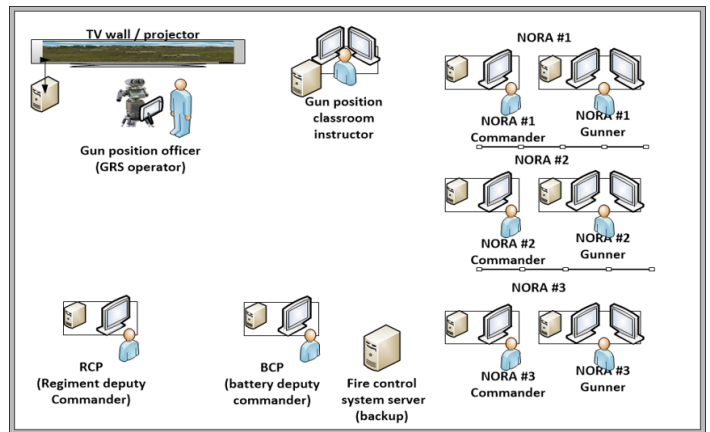
Forward positions joint training simulator module

- Customizable virtual terrain rich with 3D models of trees, rivers, rock formations, both civilian and military structures and vehicles.
- Two FOs are in the same environment at different positions, working together.
- All forward positions (FO, Battery commanders, and Regiment commander) are linked together and training to achieve synergy.
- Instructor can generate scenarios, weather conditions, place landmarks and FOs in the terrain, simulate hits or misses of entire battery.
- AEGs have working in-simulation laser which can be disabled so they have to use cross referencing.

Target location classroom
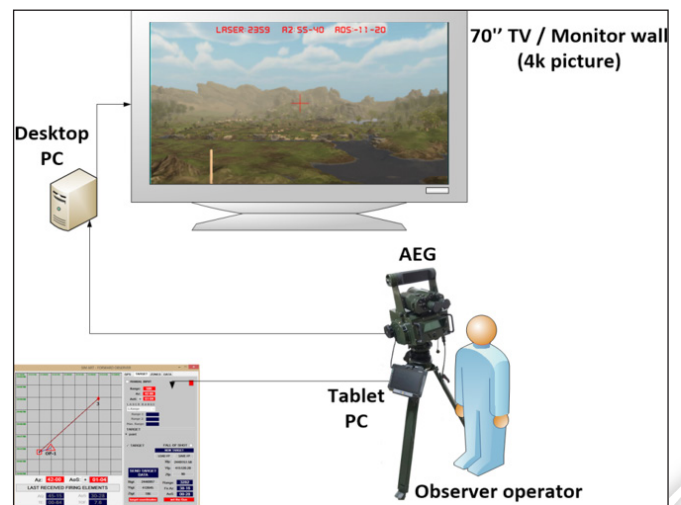
Gun position training module

- Customizable virtual terrain including landmarks, both natural and man-made, gun layout preparation, etc.
- Three complete gun crews can train and perfect main gun procedures as well as supporting gun procedures.
- Battery command post (BCP) is linked with all members of Gun position classroom as well as all members of Forward position classroom, therefore battery commander can work in field like battery setup.
- Regiment command post (RCP) is also linked with both classrooms and achieves field like conditions.
- GRS has its own GRS (AEG) device combined with video wall. GRS can see NORA guns in virtual terrain as can gunners see GRS trough their own "windows".

Gun position classroom

Forward observer work station

- FO has large screen in front of himself where virtual scenery is shown.
- Using both eyesight and laser scope of AEG, FO is observing virtual battlefield on screen.
- Original AEG, laser and tablet PC.
- Simulated laser works in virtual scenery.
- Customizable landmarks in virtual scenery.
- Live environment, fully customizable, complete with both stationary and moving targets.
- Forward observer is working in completely fieldlike conditions and on authentic software and hardware.

Simulator based training advantages

- Heavily improved quality and efficiency of artillery command teams and operator personnel.
- Sharp reduction of training costs (ammunition, fuel, exposure to weather conditions).
- Dangerous situations training without risk to personnel and assets.
- Dramatically reduced impact on environment (roads, noise, air pollution, shelling, etc.).
- Ability to train anytime and anyplace under custom tailored conditions.
- Professional soldiers can maintain and perfect their skills without additional cost.