KOOLSPAN

CASE STUDY:
SOUTHEAST ASIA MILITARY

BATTLEFIELD
CHALLENGES

Effectively and safely communicating with soldiers on the battlefield requires airtight security and widespread dissemination of communication devices. Unfortunately, only a small percentage of military personnel are equipped with secure satellite phones or other hardened devices. Therefore, a commander lacks a safe way to broadcast information to an entire fighting force.

Without a unified, safe communication channel, the military relies on a small percentage of personnel communicating information from person to person – an unreliable and insecure method of getting the message out.

HOW KOOLSPAN TRUSTCALL ADDRESSES BATTLEFIELD CHALLENGES

1. All soldiers are equipped with a standard smartphone. The phones establish a secure tunnel into the TrustCall closed network.
2. The TrustCall network runs in a "dome" environment, entirely disconnected from the Web, eliminating infiltration and exfiltration risks.
3. A TrustCall administrator groups soldiers by unit, platoon, or entire force. For security, those in a group may only communicate with others in the same group.
4. The soldiers may form sub-groups to communicate securely with one another.
5. A commander may selectively broadcast messages or attach maps to as large or small a group as the situation demands. All communications and files are encrypted in transit and at rest.
6. Group members may also initiate encrypted voice or video calls.
7. A commander may schedule high-level strategy discussions with leaders at a time when all can attend.

OFF THE BATTELFIELD
CHALLENGES

When military personnel are removed from tactical situations, they may work on base or remotely. Regardless of location, any information communicated by military personnel is sensitive and demands airtight security. At the same time, personnel requires real-time communication with state-of-the-art tools that support organizational efficiency.

HOW KOOLSPAN TRUSTCALL ADDRESSES OFF THE BATTLEFIELD CHALLENGES

1. Regardless of location, authorized users connect to the TrustCall closed network via a secure VPN tunnel. TrustCall operates behind the firewall in a "dome" environment wholly disconnected from the public Web.
2. A TrustCall administrator or authorized personnel may flexibly establish working groups in TrustCall. Those in a working group may freely communicate in real time.
3. If the back-and-forth message exchange becomes inefficient, a group member may seamlessly initiate a secure audio or video call that all group members may join.
4. No one outside of a working group can decrypt the communications and files shared in the group.
5. Working groups of more than a few members, utilize TrustCall's conferencing feature for scheduling conference calls when everyone is available