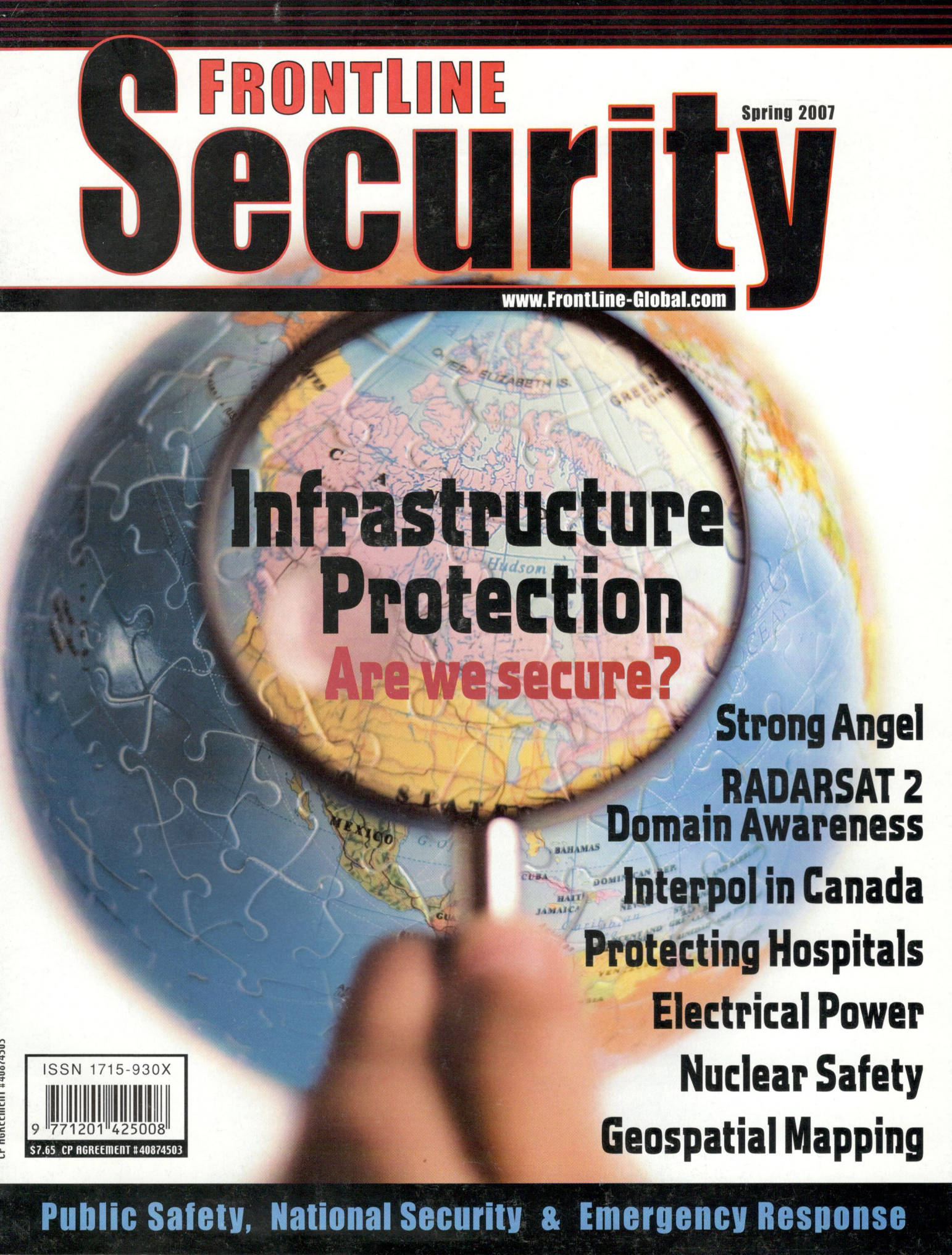


FRONTLINE Security

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A globe is shown with a magnifying glass held over the North American continent. The magnifying glass focuses on the eastern United States and parts of Canada. The text 'Infrastructure Protection' is written in large, bold, black letters across the magnified area, with 'Are we secure?' in red below it.

Infrastructure Protection

Are we secure?

Strong Angel
RADARSAT 2
Domain Awareness
Interpol in Canada
Protecting Hospitals
Electrical Power
Nuclear Safety
Geospatial Mapping

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Public Safety, National Security & Emergency Response

Strong Angel: Principles of Resilience

An Evolution in Preparedness



Many *FrontLine* readers are directly responsible for emergency preparedness within their community, region, or nation. We recognize that our preparations for catastrophe are based on our education and research, our best thinking about specific areas, and how best to use our (always limited) resources. We also know that, when chaos finally strikes, the drills and inventories and manuals that gave us a reasonable degree of confidence will prove inadequate in some fashion. We are aware that our populations may someday suffer in ways that, in retrospect, might have been partially avoidable. This understanding of the challenges

we face stimulates us in our tasks and makes us more diligent – but there is an evolution in disaster preparedness that may alter our methods for preparation, perhaps enhancing our eventual effectiveness in a real-world disaster.

Exercises, usually the capstone event in disaster preparedness, are frequently rigid, with pre-defined metrics and milestones to ensure that the team is covering

**International cooperation,
mandated “to learn” will
allow us to be truly prepared.**

responsibilities in the “real-world.” The implication is that if the team can do X in an exercise, they’ll be reasonably sure of doing it during an actual event, a reflection of the military dictum “train as you’ll fight, then fight as you trained.”

There are minor flaws in that supposition. It presumes that the entire team will be present and functioning at peak; that resources will flow as designed; that the real-world problem will look like the exercise scenario you’ve chosen; and that the non-actors in your exercise (the media, your neighbors, your national government, local private industry, roads, waterways, civilian communications,



Strong Angel III demonstrated that using multi-media technology to collect and push information to the outside world improves the team’s capability to solve problems.