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Communications for Network Centric Targeting

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Communications Infrastructure Investments

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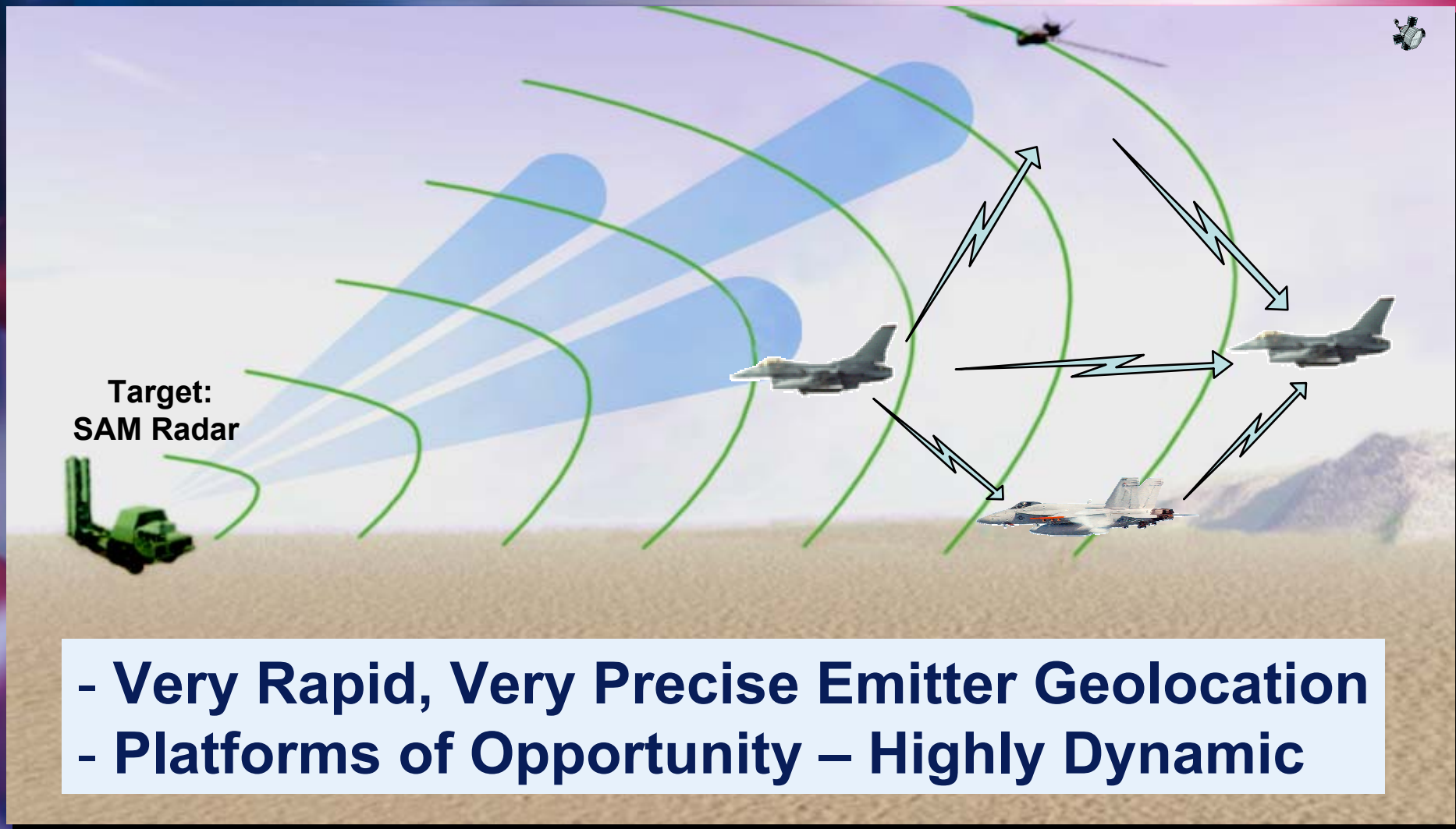
The AT3 Motivation



- Very Rapid, Very Precise Emitter Geolocation
- Platforms of Opportunity – Highly Dynamic

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Technical Performance Goals

Total system rate	10+Mbit/s
Single platform rate	2Mbit/s @ 100 nm 500Kbit/s @ 200 nm 220Kbit/s @ 300 nm
Latency	2 ms @ 100 nm 6 ms @ 200 nm 30 ms @ 300 nm
Number of platforms	200+
Platform separation	300 nm
Flexibility	Completely dynamic

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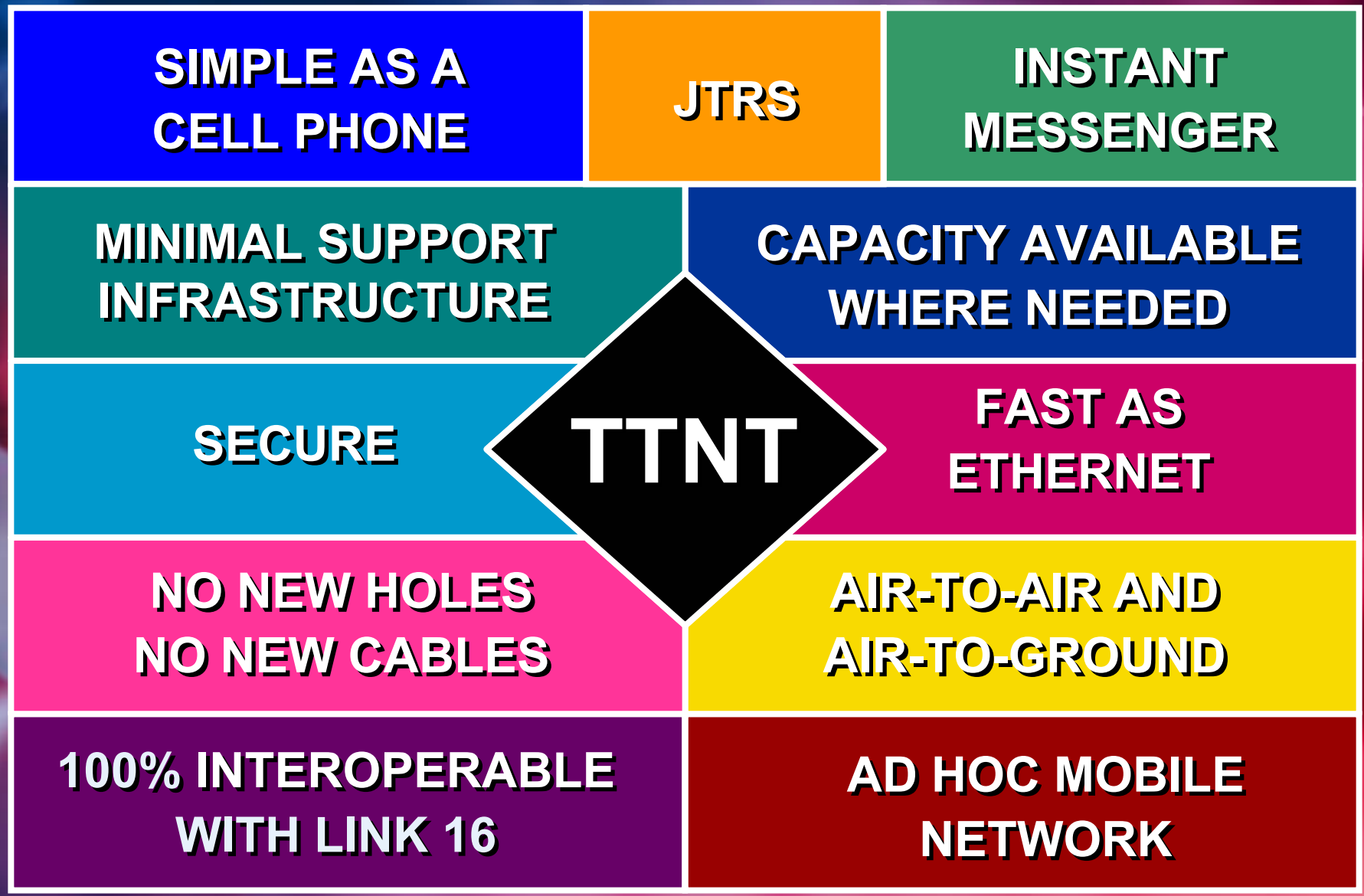

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Wireless Networking Technology for Tactical Aircraft

- System Control & Media Access
- Interoperability with existing Data Links
- Spectrum Availability
- Inexpensive Installation

Link 16

+

TTNT

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