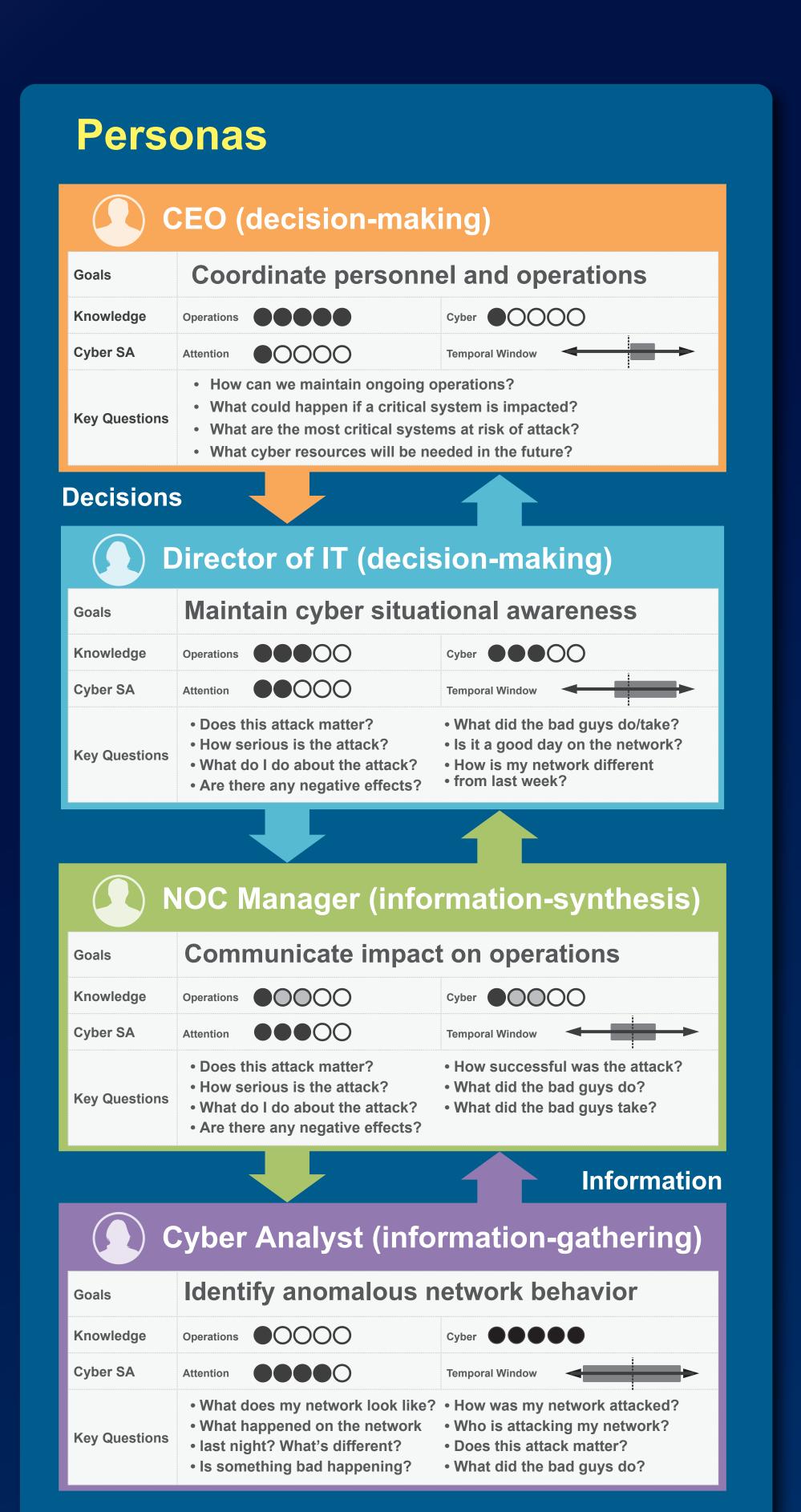


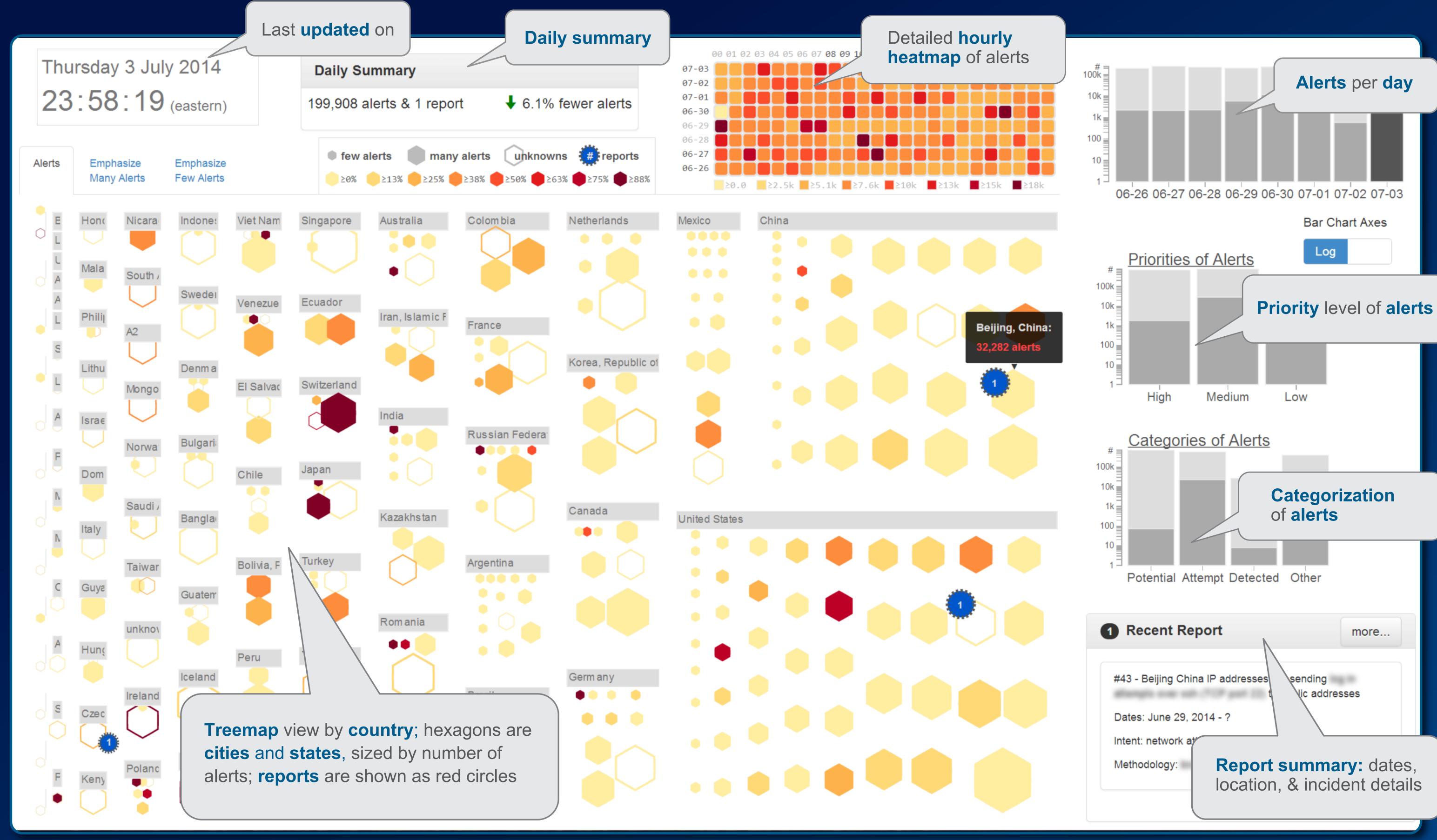
# Designing STAR: A Cyber Dashboard Prototype

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## **Problem: Communication of** Cyber Information

- Why?
- Technical jargon
- Lack (or bloat) of tools
- Manual work to convey information
- Quantity and time-scale of data
- Impact and effects on daily operations





#### Scenarios

### Scenarios aided us to build our prototype for crafting stories

- Status: daily status of operations
- "Green" status: non-critical updates; scheduled maintenance
- "Red" status: critical vulnerabilities; hardware/software failures
- Event: report of an attacker that downloaded information
- Trend: detecting correlated events from other reports or alerts

#### **Sources of Data**

	DATA	SOURCE
	Geolocation	MaxMind Database (IPs)
	Reports	IT Security Analyst
	Alerts	External Network – IDS system

**External** Traffic from **Around the Globe Detailed** Information on Two Recent Incidents Millions of Alerts

Alerts per day

**Bar Chart Axes** 

Log

Categorization

more...

of alerts

sending

Vic addresses

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