SPATIAL DATA INFRASTRUCTURE: Problem and Next Steps

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A systems problem…

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An information problem…
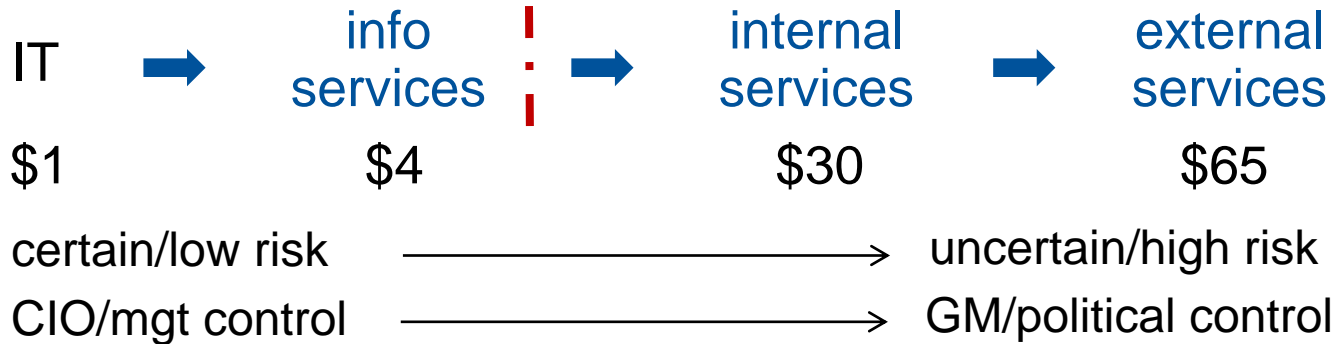

Dom DiMaggio (not Joe)

- .300 4 xs
- led AL in runs 2xs
- led AL in put outs 2xs
- led AL in double plays 2xs

To see the ball, Dom needed glasses.

90% of all data has been generated in past two years.

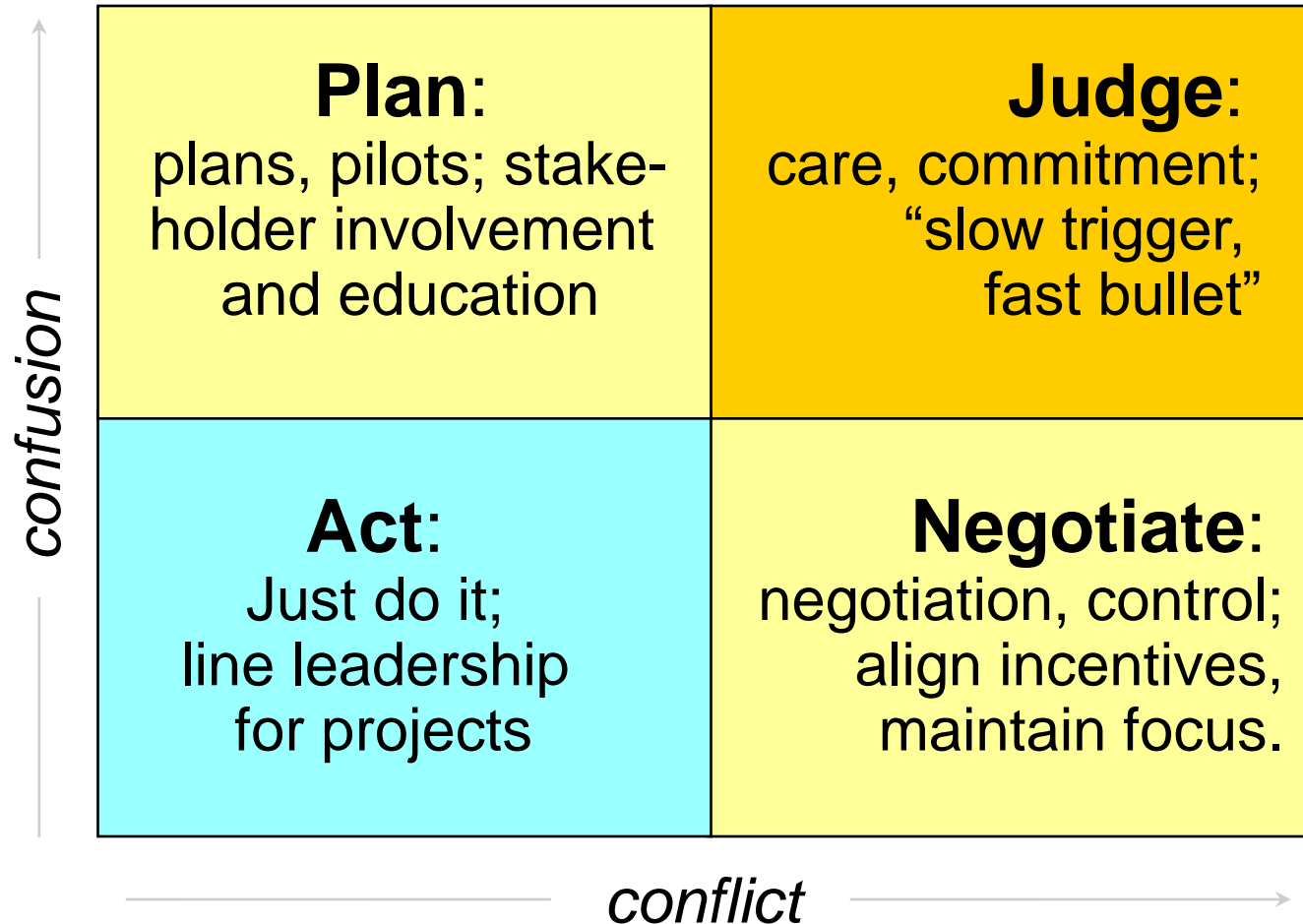**Providing feedback on the right problems?**

A work (re)design problem…

IT ➡ info services ┊ ➡ internal services ➡ external services

$1 $4 $30 $65

certain/low risk   ⟶   uncertain/high risk

CIO/mgt control   ⟶   GM/political control

Info-based work attributes::

- **Accountability**: Are the activities and results visible?

- **Availability**: support "away from the desk" decisions?

- **Scale**: to reach the best experts?

- **Innovation**: for new ideas "outside channels"?

The big value is downstream.

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A negotiation and governance problem…

Plan: plans, pilots; stake-holder involvement and education	**Judge**: care, commitment; "slow trigger, fast bullet"
Act: Just do it; line leadership for projects	**Negotiate**: negotiation, control; align incentives, maintain focus.

confusion (vertical axis)

conflict (horizontal axis)

Key asset: a reputation for delivery…

Hypotheses… Where value lies…

1. In balancing getting spatial info vs. using spatial info, the key now is **using info** (work design) and gaining experience.

2. In overcoming privacy and other issues, take advantage of social networking and private sector experience (early movers).

3. Respond to the interests of **stakeholders**: researchers, entrepreneurs, workers, managers, consumers, citizens, etc.

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