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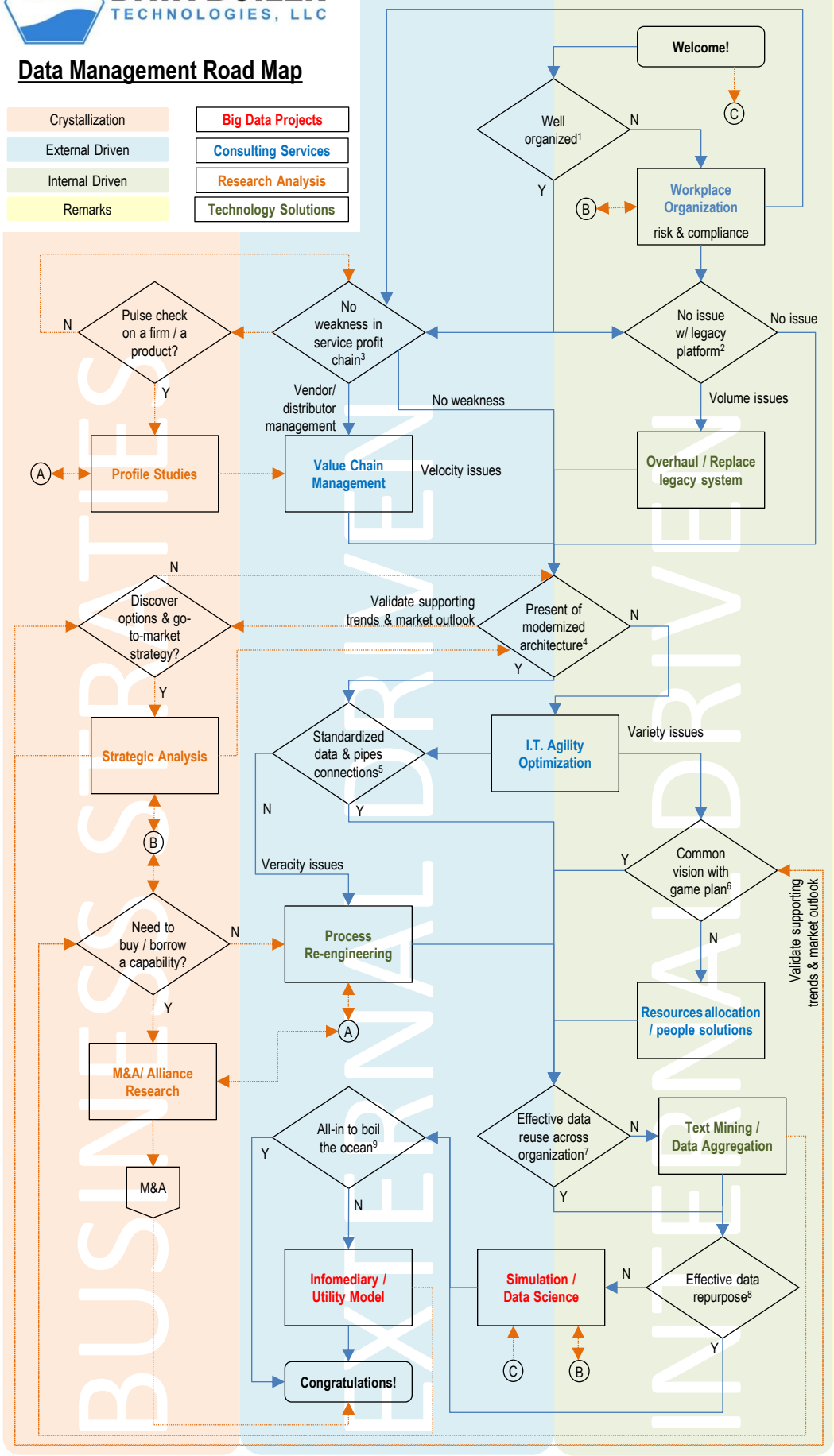
212° DATA BOILER TECHNOLOGIES, LLC

Data Management Road Map

Crystallization
External Driven
Internal Driven
Remarks

Big Data Projects
Consulting Services
Research Analysis
Technology Solutions



Criteria considered to fail the Assumptions

1. Well organized:
- Operation is currently suffering from poor information management (chaos)
- Voices from within and/ or outside the firm urges for heightening of controls (mandate or threatened by potential business loss if the firm does not take immediate action)

2. No Issue with legacy system:
- Inefficient operation due to internal legacy system problem or data velocity issues
- Other department(s) or business unit(s) are asking the legacy system to perform functions different from its original design and serving too many purposes that it is difficult to comprehend
- System parameters cropped up over time and nobody truly knows how to untangle it
- Product has out-grown the capabilities / capacity of legacy system
- Ineffective systems integration after M&A

3. No weakness in service profit chain:
- Ineffective operation caused by poor performance of vendors/ distributors
- Poor setup of regionalize COE / out-source middle-/back-office
- Too large a supplier base, or business units don't coordinate well among themselves in procurement caused resources waste
- Silos - vendors refuse to cooperate with each other

4. Presence of modernized architecture:
- Firm suspects the costs in carrying forward a legacy system will out weight its benefits
- Firm recognizes need to overhaul / modernize architecture to cope with change / latest business requirements
- Business units have lots of comments but none can pull it off and lead the change
- Seniors at corporate level decided to move towards a centralized enterprise architecture

5. Standardized data & pipes connections:
- Debate between 'centralized hub' versus 'best of breed' approach in redesigning operations and technology model
- Overlap data sources, contradict data versions, and pipes do not fit well with another
- Need bridging technologies to connect dots

6. Common vision with game plan:
- Combat with non-standardize technologies & frequent requirement changes
- Development projects are scattered rather than stackable solutions for scalable growth
- No big picture roadmap

7. Effective data reuse across organization:
- No end managing down # of spreadsheets
- Silos - managers from different departments do not trust each other's figures
- Regurgitation rather than automation

8. Effective data repurpose:
- Big Data didn't provide concrete ROI or firm hesitated to raise earning forecast for their big data product/ service/ business model

9. All-in to boil the ocean:
- Attempt to retrofit projects as 'Big Data'
- Limited scope in collecting & analyzing data
- Data scientist plays supporting role rather than earning leadership seat in organization