
AWS
re:Invent
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How Baker Hughes built a solution portfolio for oilfield operations

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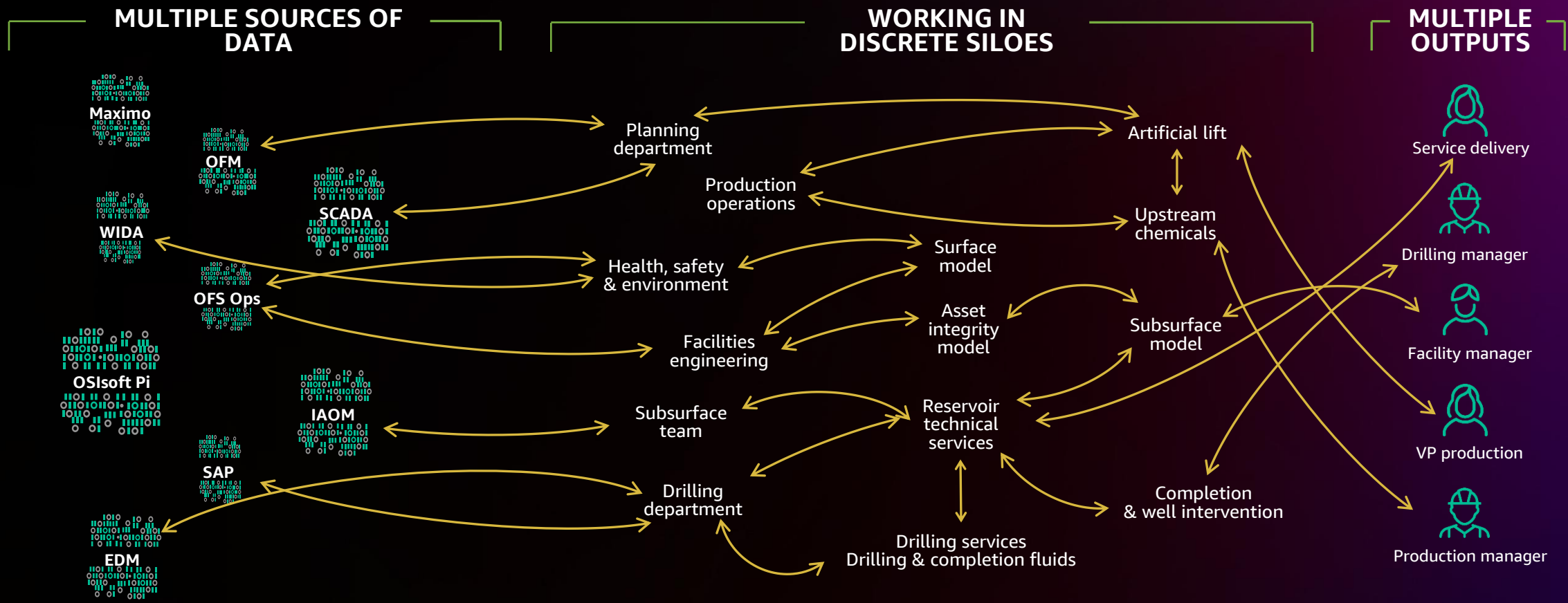
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Agenda

- Our data challenge
- Framework components
- IDS architecture

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The oil & gas data challenge



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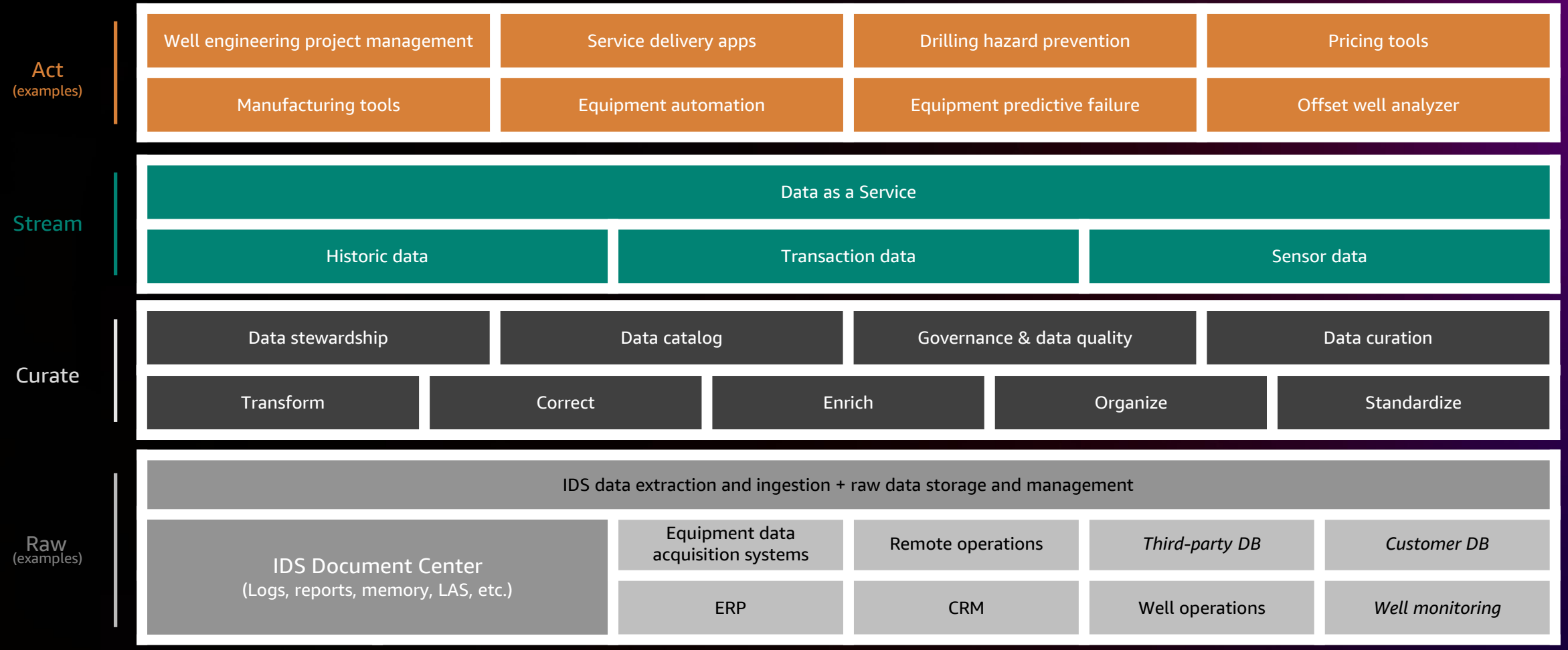
Our design principles

1. Data is accessible, organized, and any user with the proper level of authorization can access it instantly
2. We should service a wide range of data entities in a single place
3. Data should be organized in a way that can be consumed by algorithms and human users
4. New applications, models, and analysis can be built on top of this contextualized data

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How do the moving parts fit together?



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IDS components

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Product anatomy

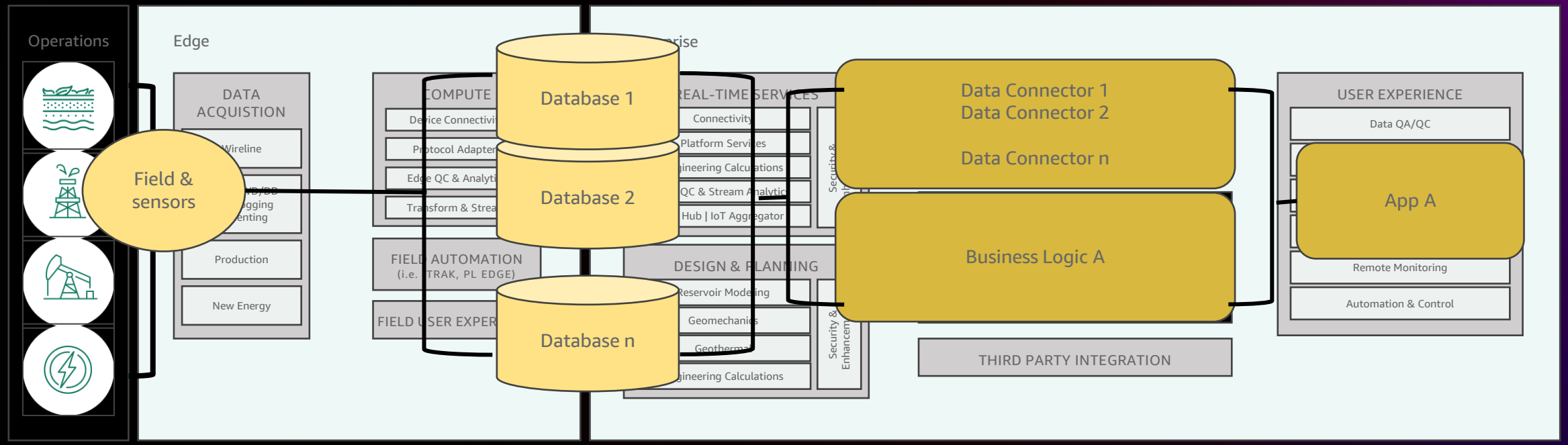
Legend :
- Product
- Data

Source of data	Backend	Frontend

FLEXIBLE OPTIONS TO FIT CUSTOMER CONTEXT

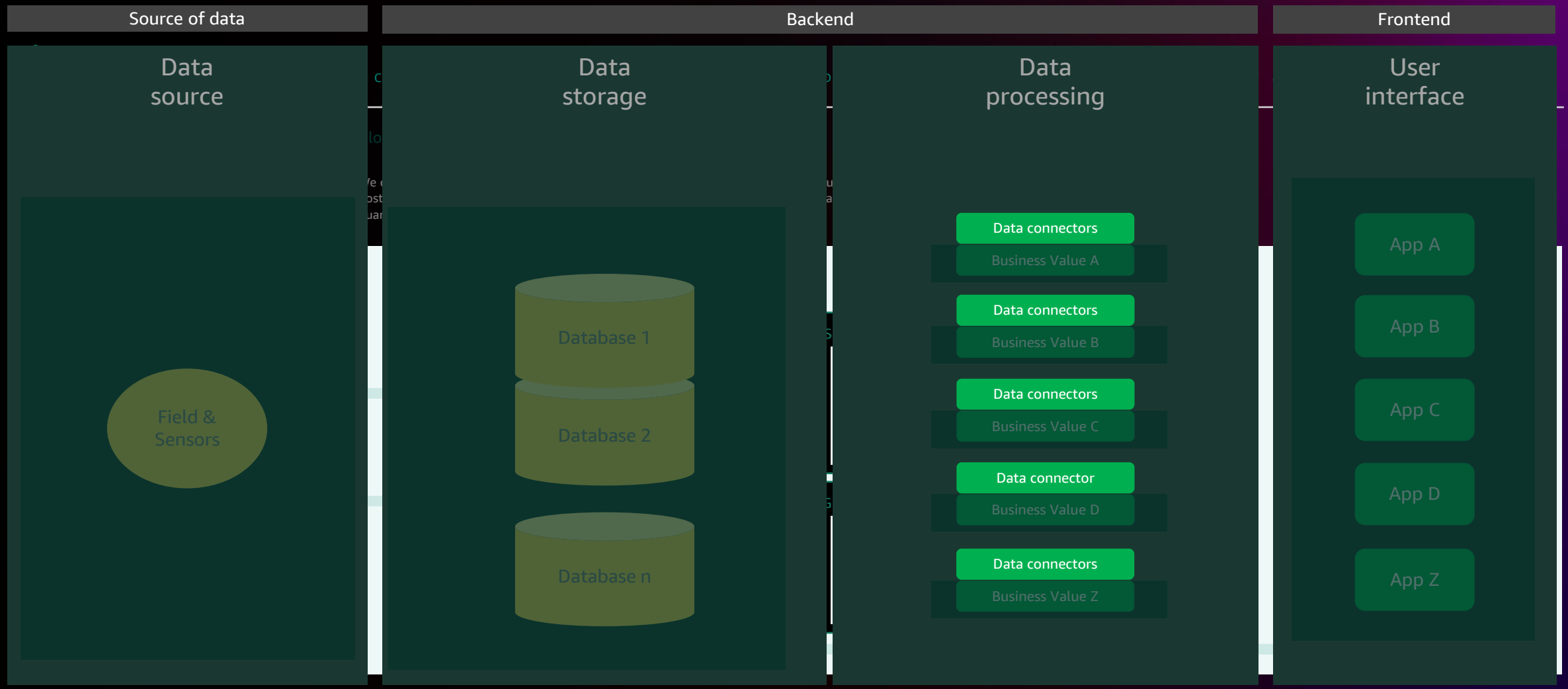
STANDARDIZED

GREATEST EFFORT & CUSTOMIZATION



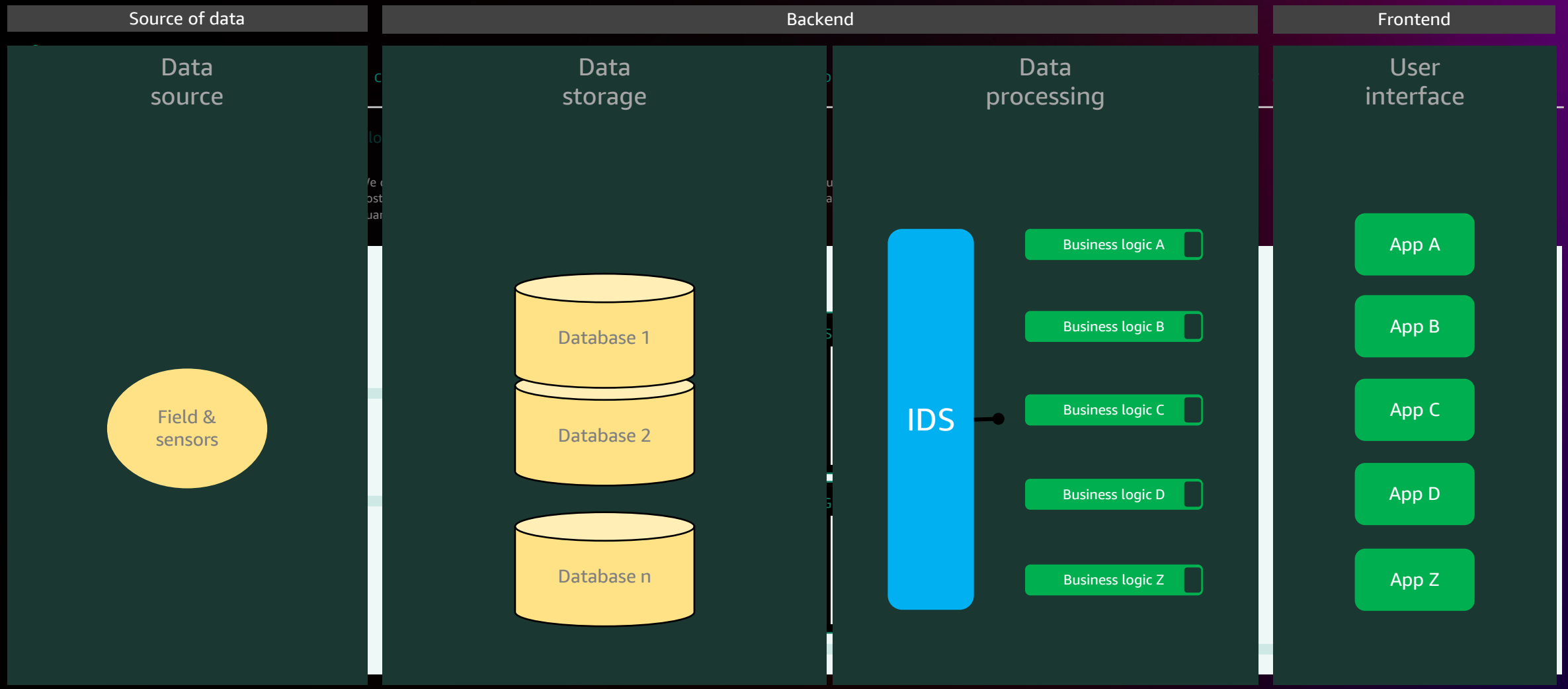
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Redundant efforts across various projects



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IDS leverage

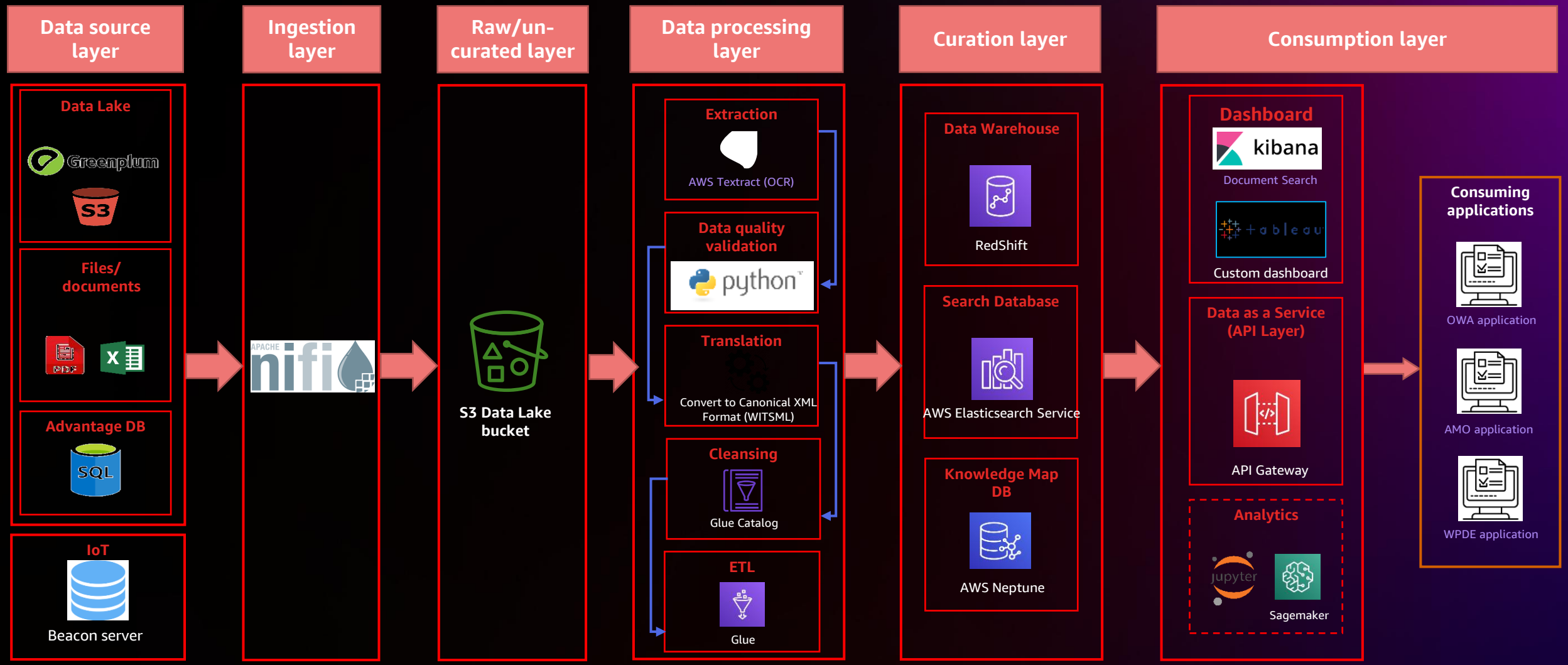


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IDS architecture

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Conceptual IDS architecture



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Thank you!

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