

Front Office Business Technology

B.T. Front Office Roadmap

Digital, Booking & Fulfillment, Property Management

21 October 2013



Disneyland
PARIS



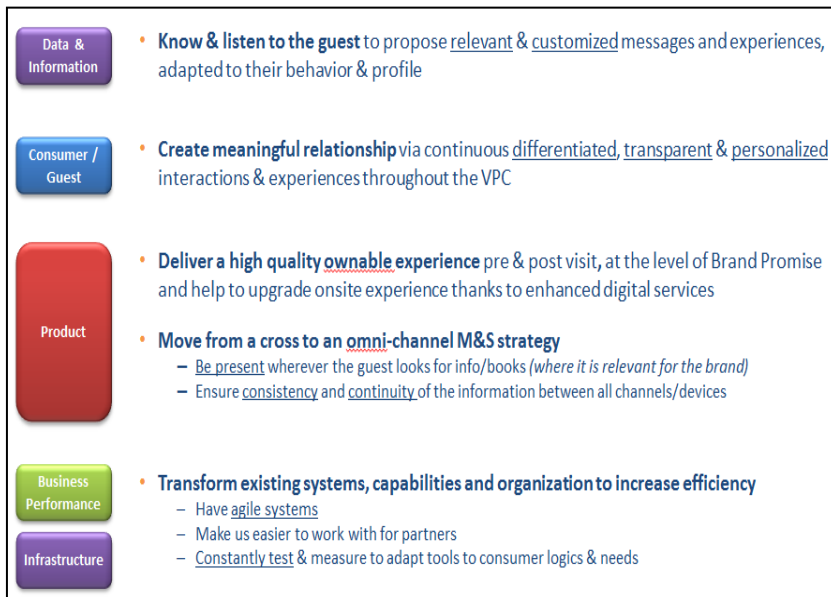
ICE : Integrated Consumer Experience



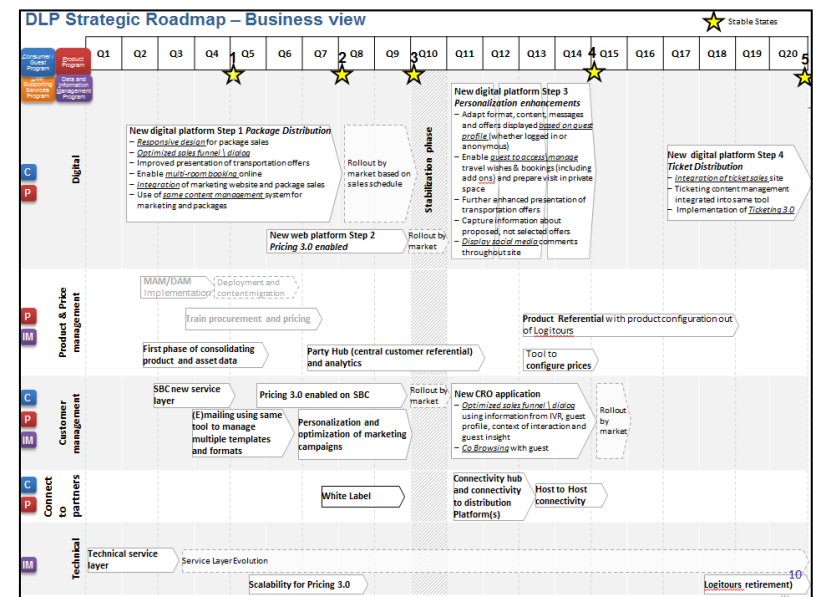
ICE is an umbrella to ensure the coordination of initiatives addressing new consumer expectations

3 pillars

① Guiding principles



② B.T. long term roadmap



③ A group of Directors and Senior Managers (business and B.T.) managing the coordination of projects influencing the consumer experience

ICE

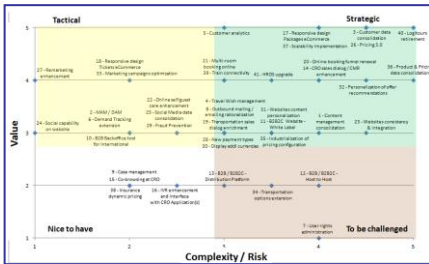
Focus on Business Technology



40+ business and BT opportunities...

...to enhance 5 core business capabilities...

...and to fulfil 3 technical Imperatives...



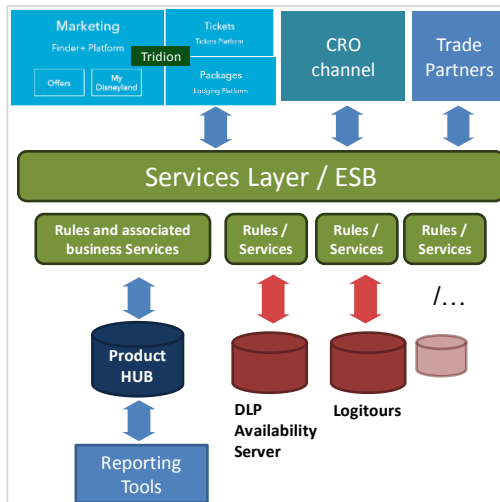
- *Digital*
- *Product and Price Management*
- *Customer Management*
- *Connectivity to partners*
- *Insight and reporting*

- *Rational & optimized architecture*
- *Scalability & performance*
- *Replacement of old legacy systems – Logitours (core reservation system) and HIS (core hotel system - PMS)*

...through a pluri-annual B.T. roadmap, being delivered through 3 streams

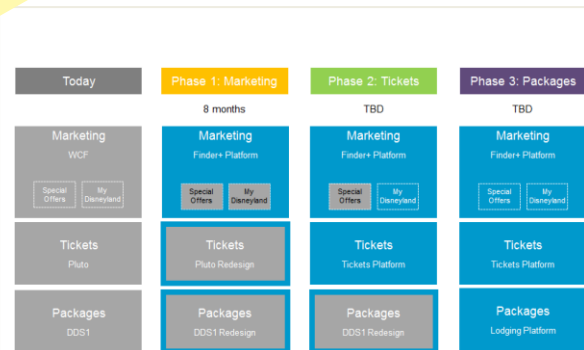
1

a target architecture (booking and fulfilment)



2

a digital roadmap (Wdpro platform)



3

A fit gap analysis "Buy" vs "Build"



ICE Business Technology Architecture Approach

Sales & Fulfillment

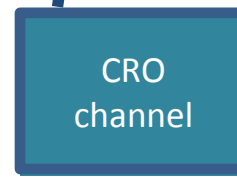
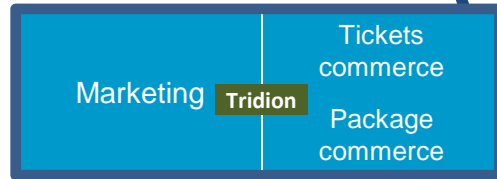


New common digital platform (leveraging TRIDION) for B2B and B2C ecommerce and marketing content, addressing multi-devices and providing improved features (new sales dialog, Pricing 3 requirements, guest care features, personalization, ...)

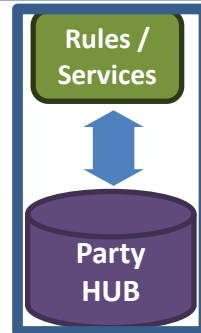
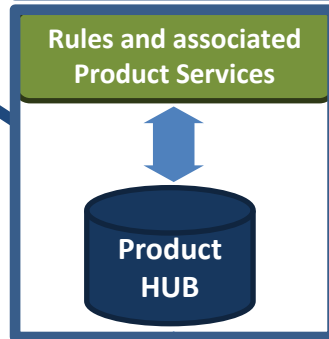
New CRO platform with CRM focus providing new features (i.e. Co-browsing, view of customer profile and history)

Business strategy
under definition

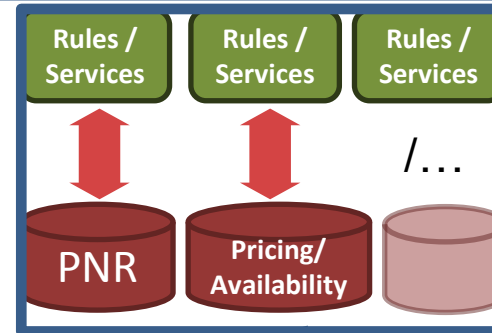
Product HUB
(leveraging MDM technology) to be used as the master referential for product data + **Product services**



New Services Layer providing a **common set of business services** for all channels isolating the complexity of underlying components from the distribution channels



New Set of Customers Relationship Management Systems (with associated services) including a Party Hub that will master Customer data

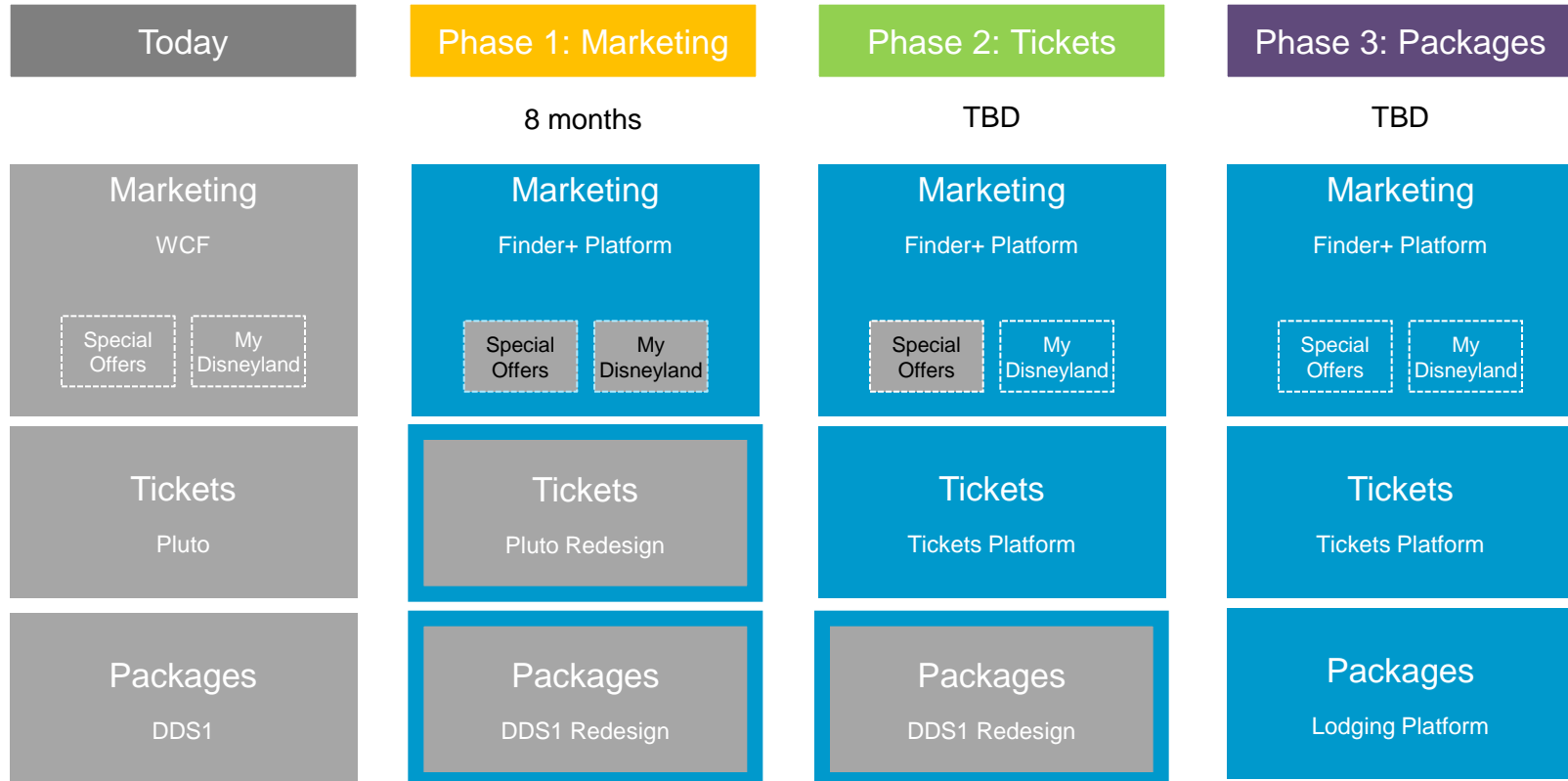


Progressive replacement of Legacy systems (Logitours) with new modules improving robustness, flexibility and performance



DNX report-out
Jul26th, 2013

Phased approach providing guests with a seamless experience and leveraging progressively the WDPRO platform



- Tridion would be leveraged alongside the platform as the core content repository
- Not included: mobile apps, corporate websites, exotic websites, and b2b groups



In the short term, DNX group focus on phase 1 plan, estimates and governance.

Phase 1: Marketing

8 months

Marketing

Finder+ Platform

Special
Offers

My
Disneyland

Tickets

Pluto Redesign

Packages

DDS1 Redesign

- Estimates and Business Case are being confirmed
- Potential organization and governance of the project are being studied
- Engagement model with WDPRO is being defined

Directional planning:

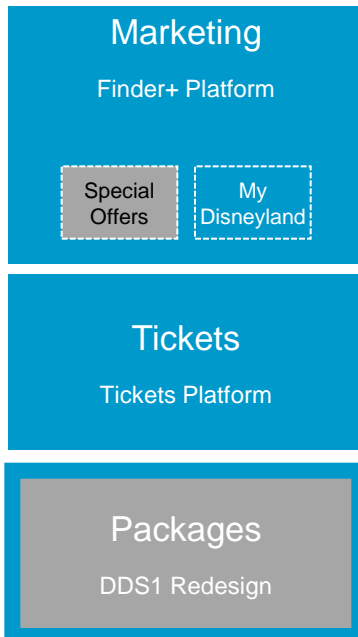
- **Kick-off: Nov13** (pending the capital approval process)
- **Go live: Jul14** with a roll-out by market/language over 6 to 8 months



Phases 2 & 3 require further study of the overall architecture

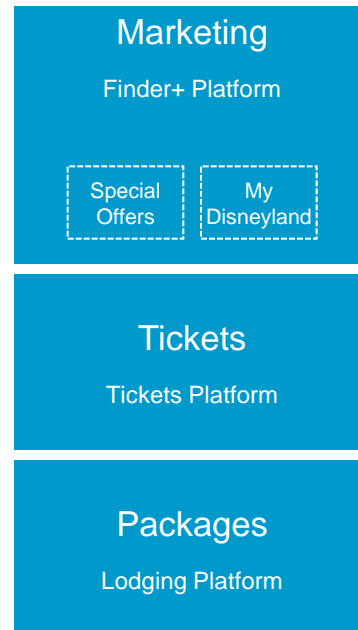
Phase 2: Tickets

TBD



Phase 3: Packages

TBD

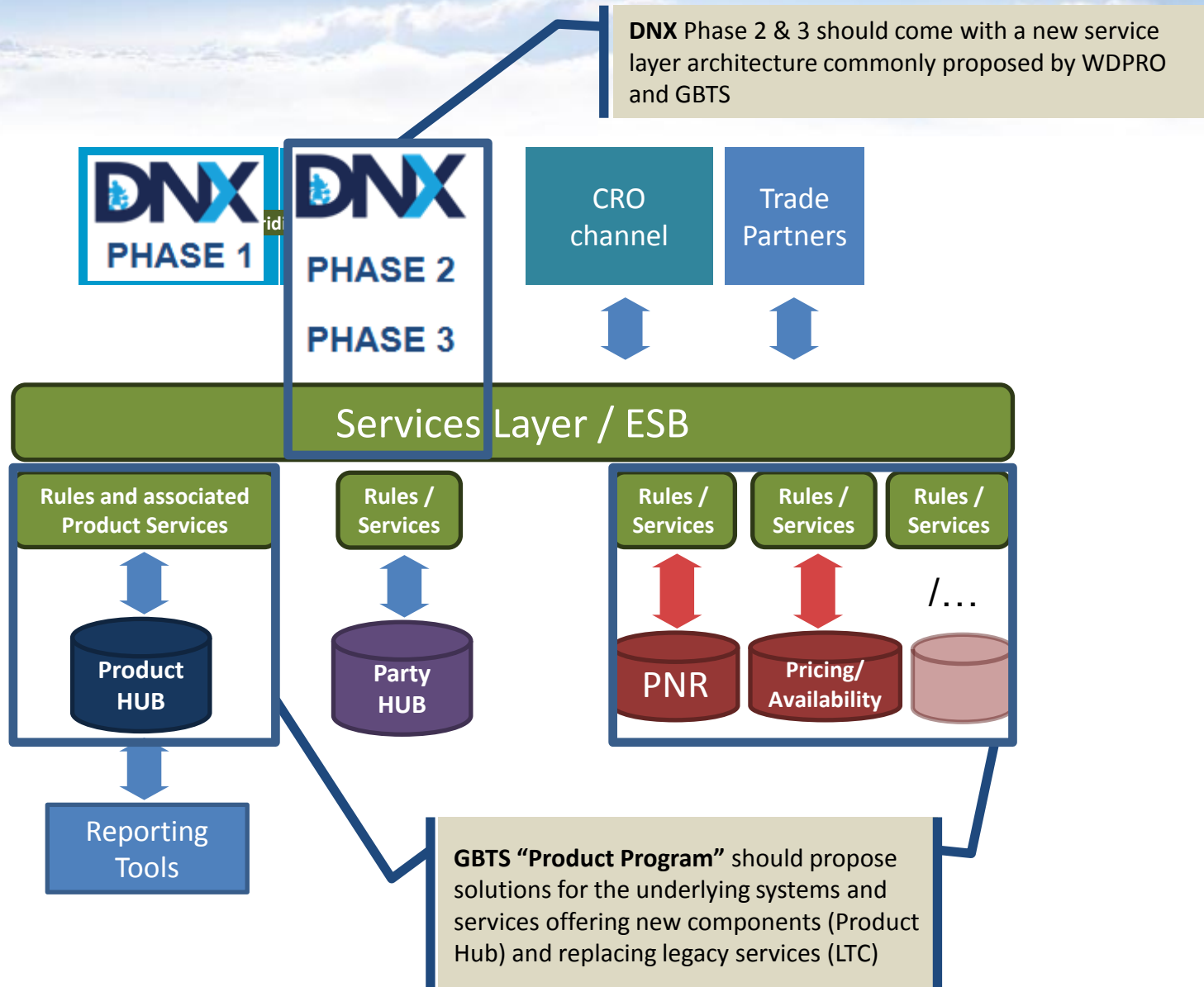


- WDPRO, GBTS and NGE launched a work group to define a target services architecture and a recommended roadmap.

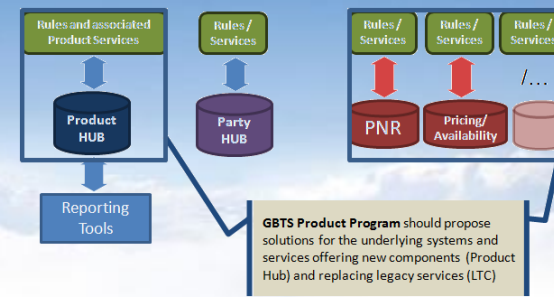
- A BT FO group has worked in August to prepare options for a transition state, that are submitted to GBTS and WDPRO

Next steps: to be discussed with the section “focus on DNX Ph2 & 3 focus”

ICE Business Technology Architecture Approach



Product Program DLP stakes



DLP specific challenges	Product complexity	<ul style="list-style-type: none"> - Multi-Market, Multi-Language - Pre-packaged diversity (hotel rooms + tickets + diverse services) - DLP and 3rd party Add-ons with complex rules of combinability - Complex sales rules (dates of booking, dates of stay, etc...)
	Pricing volumetry	<ul style="list-style-type: none"> - Multi market, Multi-currency - Multiple brochure “price period” applied in a given week - Offers and Special Offers diversity (%Discount, Discount per Pax, Discount per LOS, etc.)
Business imperatives	Product consistency	<ul style="list-style-type: none"> - Data mastering - Rationalized set of tools to apply rules uniformly across channels
	Product flexibility	<ul style="list-style-type: none"> - Evolve towards more package flexibility (custom package) and unbundled alternative products vs the current pre-defined/pre-configured package orientation
	Time to Market	<ul style="list-style-type: none"> - Reduce Time to Market of new products and offers - Reduce the risk of configuration error
	Pricing 3	<ul style="list-style-type: none"> - New offer categories, new business rules - Increased volumetry (price points, package combinations,...)
Technical imperatives	Logitours Retirement	<ul style="list-style-type: none"> - Progressively replace aging legacy systems, yet robust and integer - Withdraw our dependency on Logitours product codification (very structured and “meaningful” but not flexible)

Key learnings



Functional coverage

- Dreams and market solution have both a **good coverage** of DLP's capabilities and functional requirements
- Both solutions would be a real **breakthrough compared to the current solution (HIS)**
- Main benefit of Dreams vs Opera is the adapted **campus functionality** & capability to perform **functions "en masse"**. But we know that other market solutions could support these kind of functionalities (Infor)

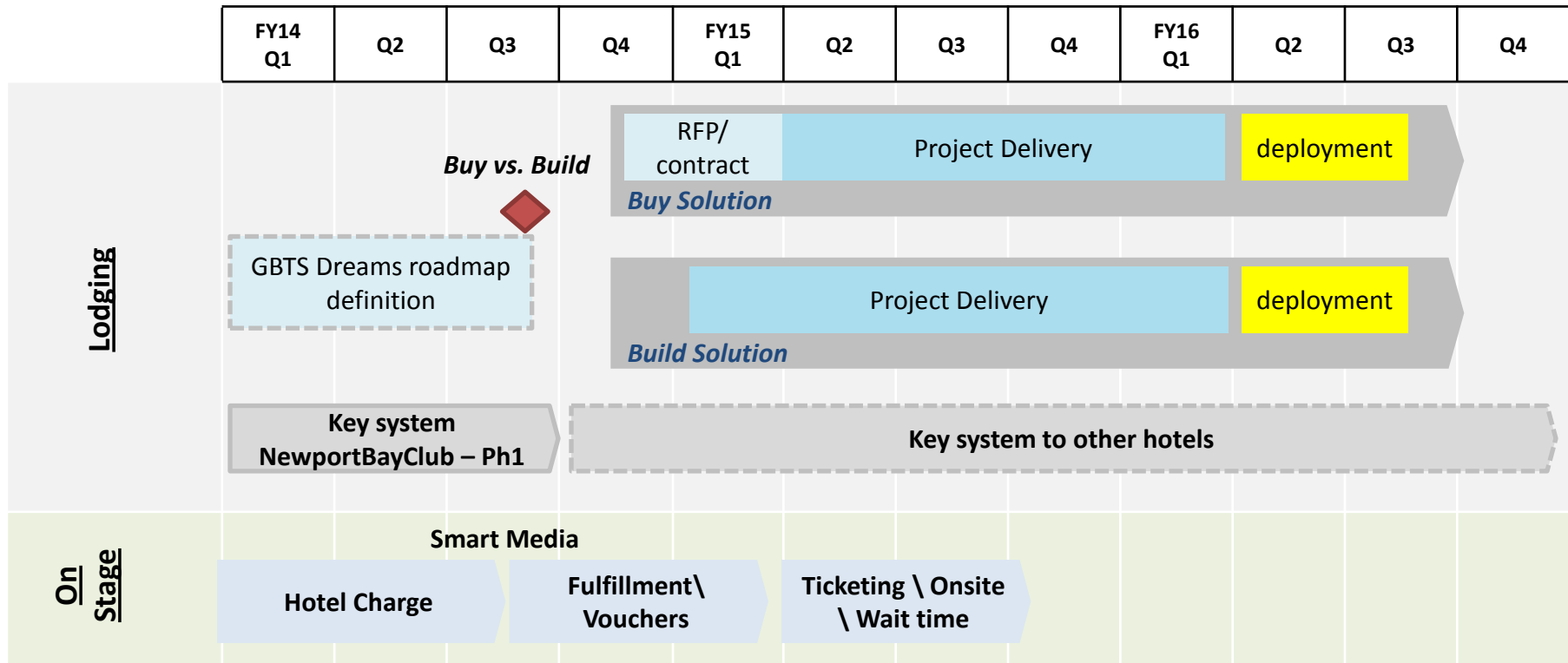
Technical coverage

- **Concerns about the response time and the robustness of the current Dreams PMS.**
 - since the study, GBTS has decided to embark in a re-engineering of the solution (initiative "PMS2.0")
- **Poor ergonomics of the OPERA product** because it's based on old technology (not web). But some more recent products of the market could compete with Dreams in terms of user interface quality

Project Plan



- Before starting a project we need to take a decision on the “buy” vs “build” approach
- Buy vs. Build decision prerequisites :
 - Visibility on the GBTS **PMS 2.0 initiative** and architecture **strategy related to the CRS**
 - GBTS **cost optimization**
 - Visibility on the **Smart media evolution** toward NGE concepts



ICE Business Technology Roadmap

Summary of the overall Approach



Strategy

Systems transformation

Digital & Integration

Provide a complete new digital experience to the guests.
Isolate the complexity of the back office systems from the channels

- New web platform (WDPRO Platform)
- Services layer base (provided by GBTS)

Central Reservation System

Replace the legacy Reservation System (Logitours)

- New “CRS” and new services (Product Program to bring components of the solution)

Property Management System

Replace the legacy Property Management System (HIS)

- New PMS (candidate: GBTS PMS 2.0, when affordable)
- Integration with Smart media

Pricing 3

Implementing the Pricing 3 business initiative

- Adapting systems (Web and CRO channels, Back end systems)

Personalisation

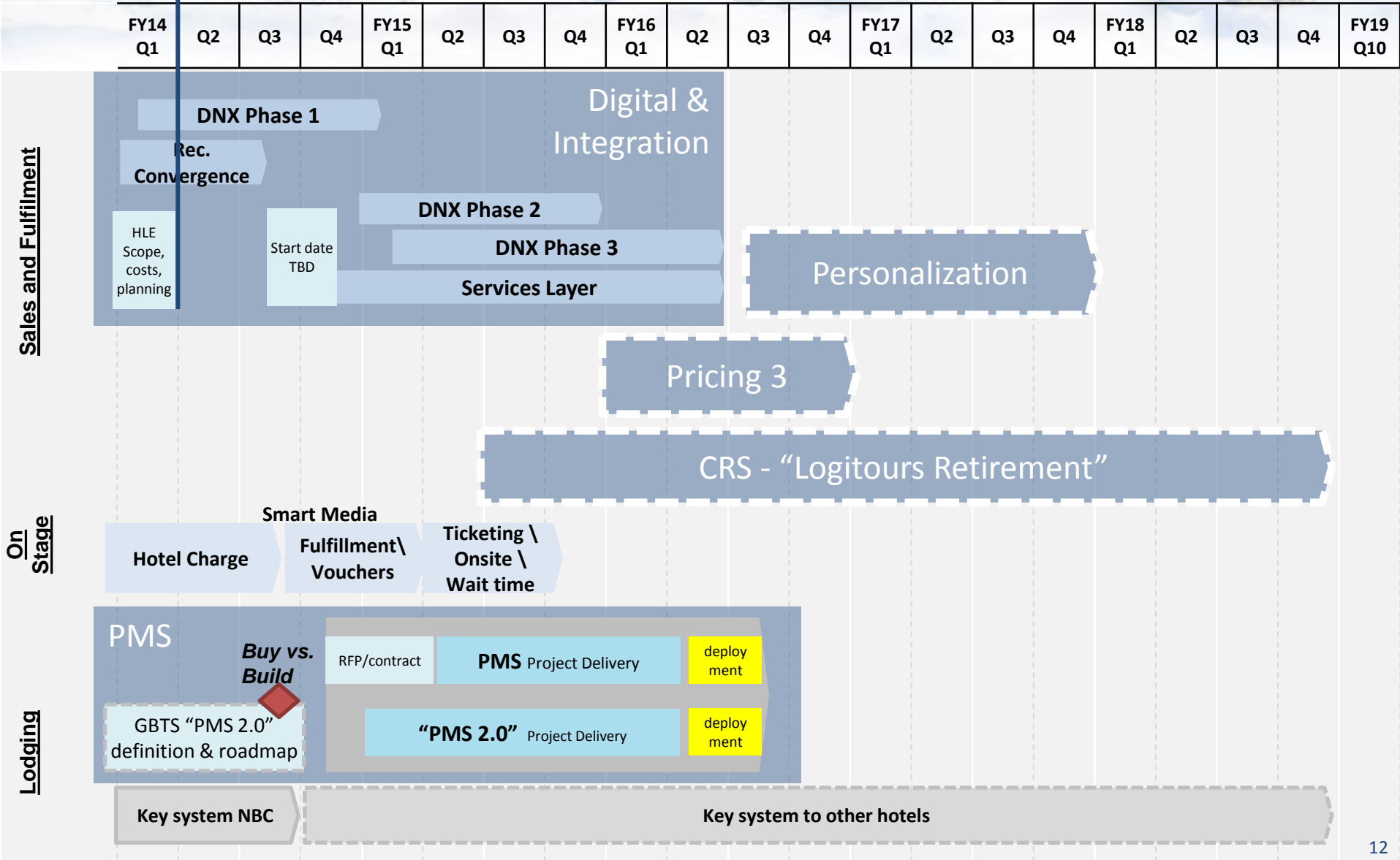
Adopt a CMR approach introducing more personalisation

- Customer referential & services
- New CRO User Interface

ICE Business Technology Roadmap



DLP 10Y
plan



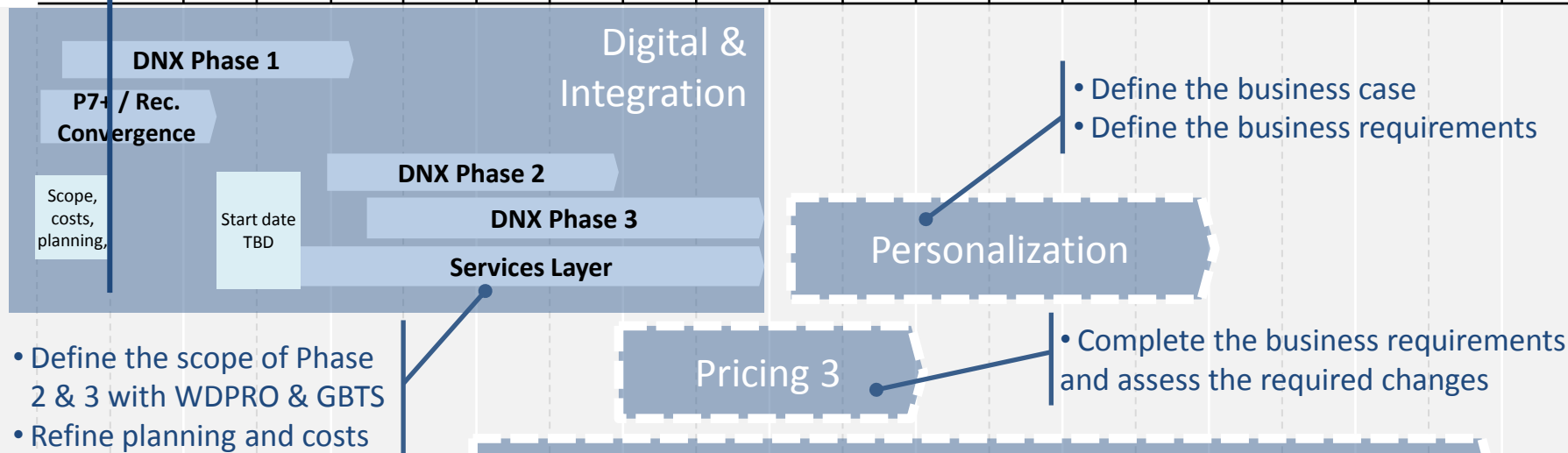
High level next steps



DLP 10Y plan

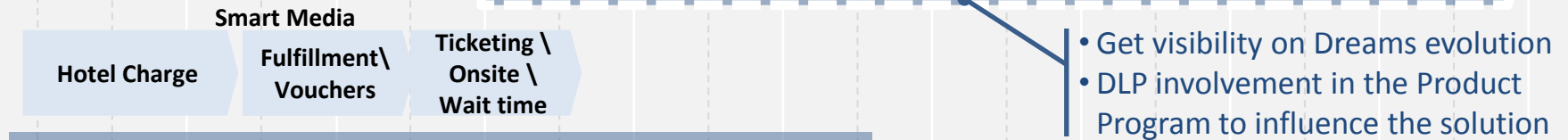
FY14 Q1	Q2	Q3	Q4	FY15 Q1	Q2	Q3	Q4	FY16 Q1	Q2	Q3	Q4	FY17 Q1	Q2	Q3	Q4	FY18 Q1	Q2	Q3	Q4	FY19 Q10
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Sales and Fulfilment

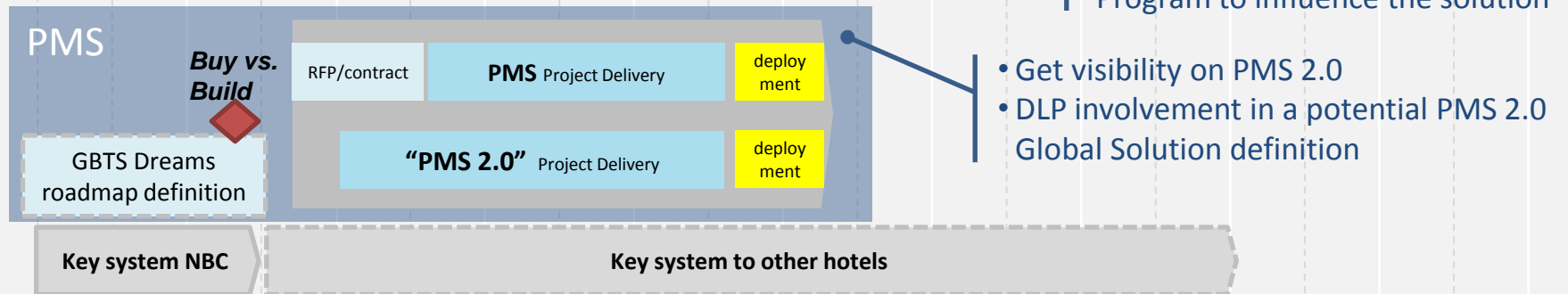


- Define the scope of Phase 2 & 3 with WDPRO & GBTS
- Refine planning and costs

On Stage



Lodging





Focus on DNX Phases 2 & 3

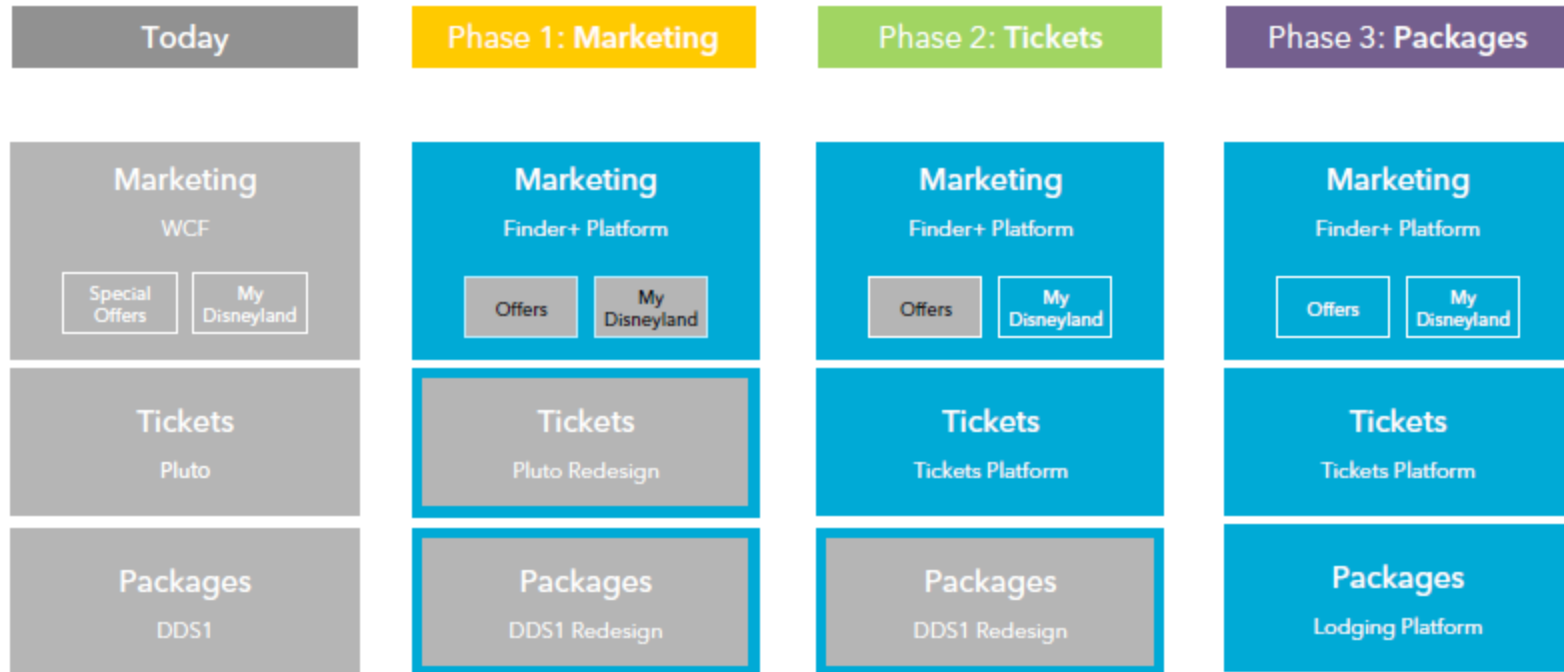
What is DNX ?



FY14

FY14-FY15
(tbc)

FY15
(tbc)



High level costs and planning need to be assessed by Dec2013

DNX Assumptions



1. DLP will keep its current CRS (Accovia Logitours). Capabilities will be decommissioned, step by step (sequence to be determined) but it should remain the SOR for DNX Phases 2&3
2. DLP will use CRS (Accovia API) for SOR integration
 1. TAP integration protocol for the look (not going via Recommender) & book
 1. Using the current existing EAI messages (XML/MQ...)
 2. Via a global services layer (to be developed)
 2. Jawa integration protocol for the look going via Recommender
 1. Directly accessing DLP APM-AS
3. DLP will keep his current Availability Server (Accovia APM-AS)
4. DLP will still use GBTS Recommender (enhanced, “Recommender Convergence”) ** will be in production at the time of DNX phase 2 & 3 project **
5. For the Web “Product Enabler” we have 2 paths
 1. Enhancement of the current GBTS modules (PMA-PVS/PCS)
 2. Use the future GBTS Product Platform ** preferred choice **
6. GBTS SBC Travel Wish module will be shared between the web & the call center
7. WDPRO will leverage current DLP CMS Tridion ** Tridion will be part of the WDPRO supported CMS for their platform **
8. DLP will keep his current Web Analytics (SiteCatalyst/Omniture) with adaptation/migration to the WDPRO one (also SiteCatalyst/Omniture)
9. DLP will keep his current Web Tag Manager solution (Tag Commander)
10. DLP will keep the PSP (Payment Service Provide) external services ** will be in production at the time of DNX phase 2 & 3 project **

DNX Integration - The vision

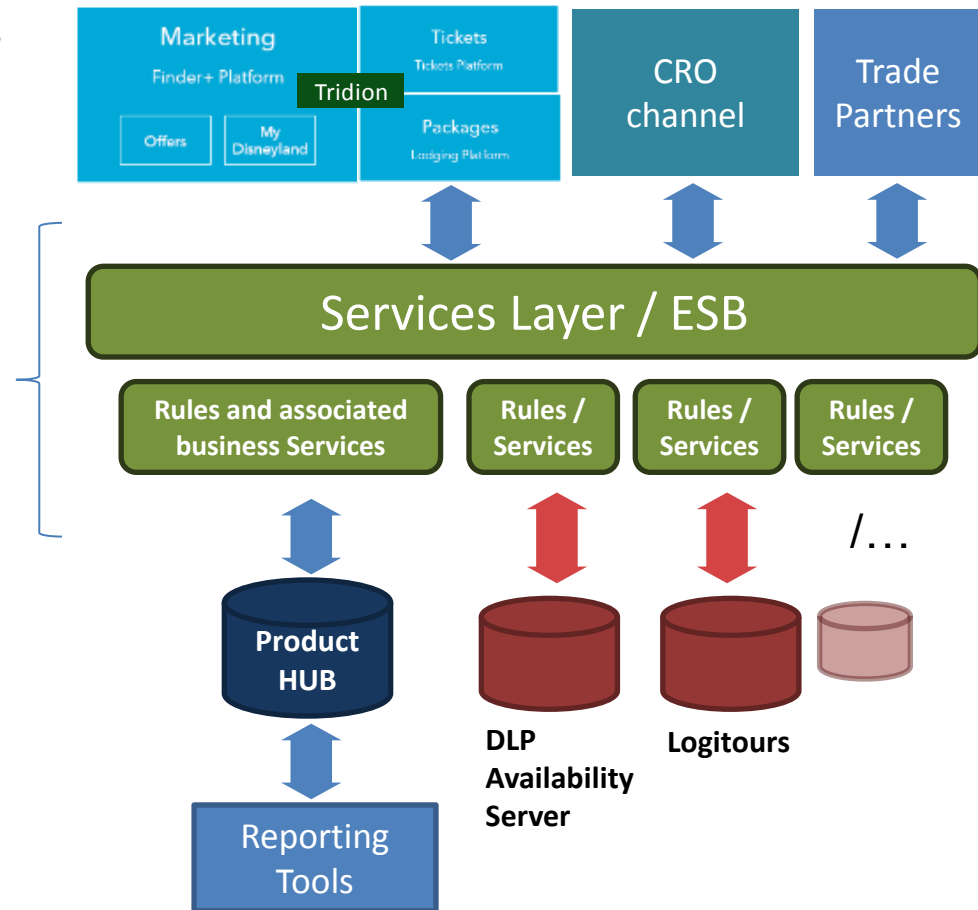


Rationale

- An abstraction layer between the systems of engagement and the underlying components (business logic, systems of records)
- Common services repository & technical access to services by all channels, achieving business objective of a consistent experience across point of contacts (Web, Mobile, CRO, B2B2C...)
- Modules (service orchestration/workflow) to manage rules and associated services
- Step by step decommissioning of Logitours (current CRS) limiting impacts on the systems of engagement

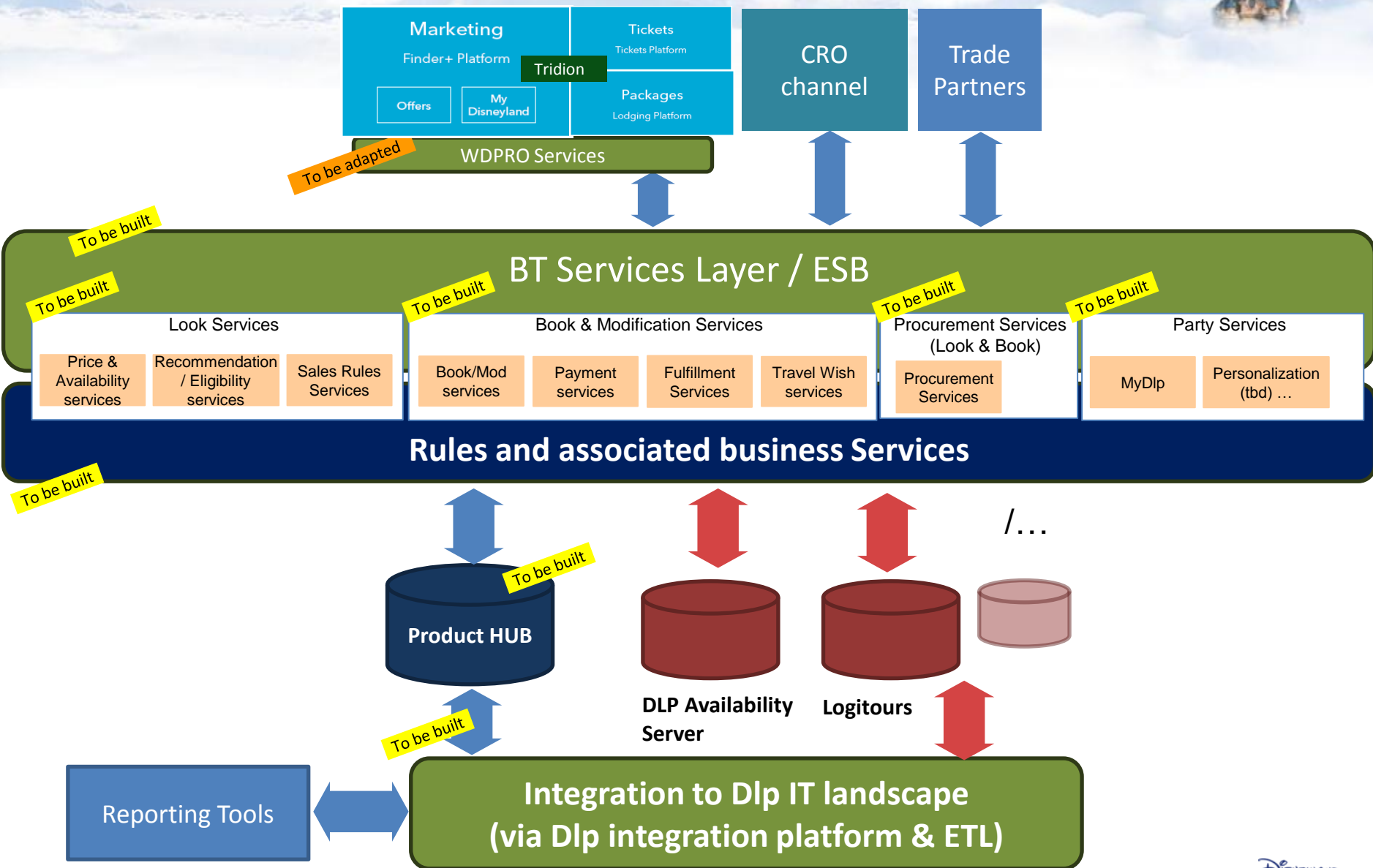
DLP Assumptions

- 65 exposable services (to be orchestrated in functional services). Estimate derived from package ecommerce (DDS1), ticket ecommerce (Pluto), myDLP and CRO specific use case scope.



DNX Integration - The vision

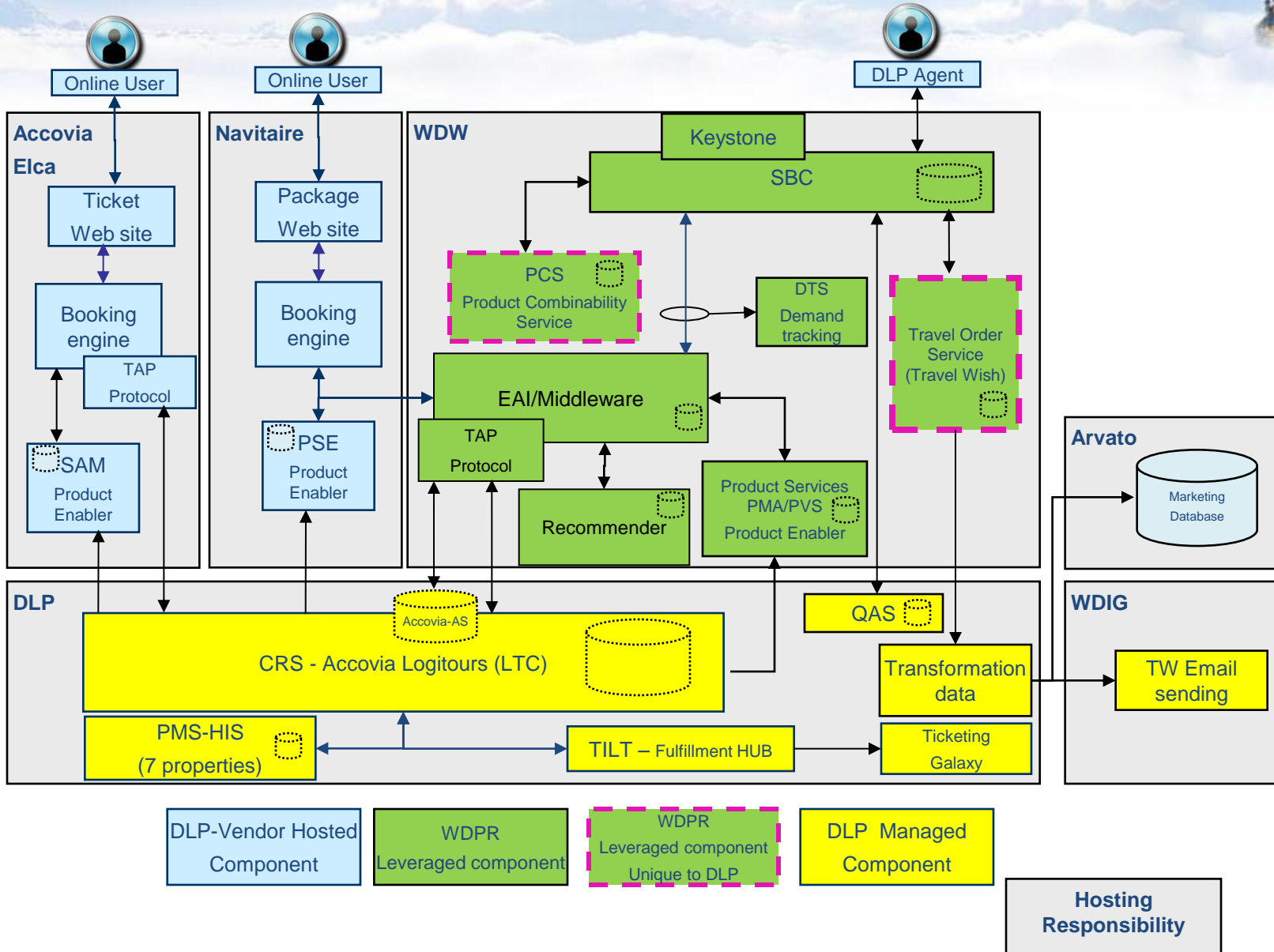
Focus on Services Layer





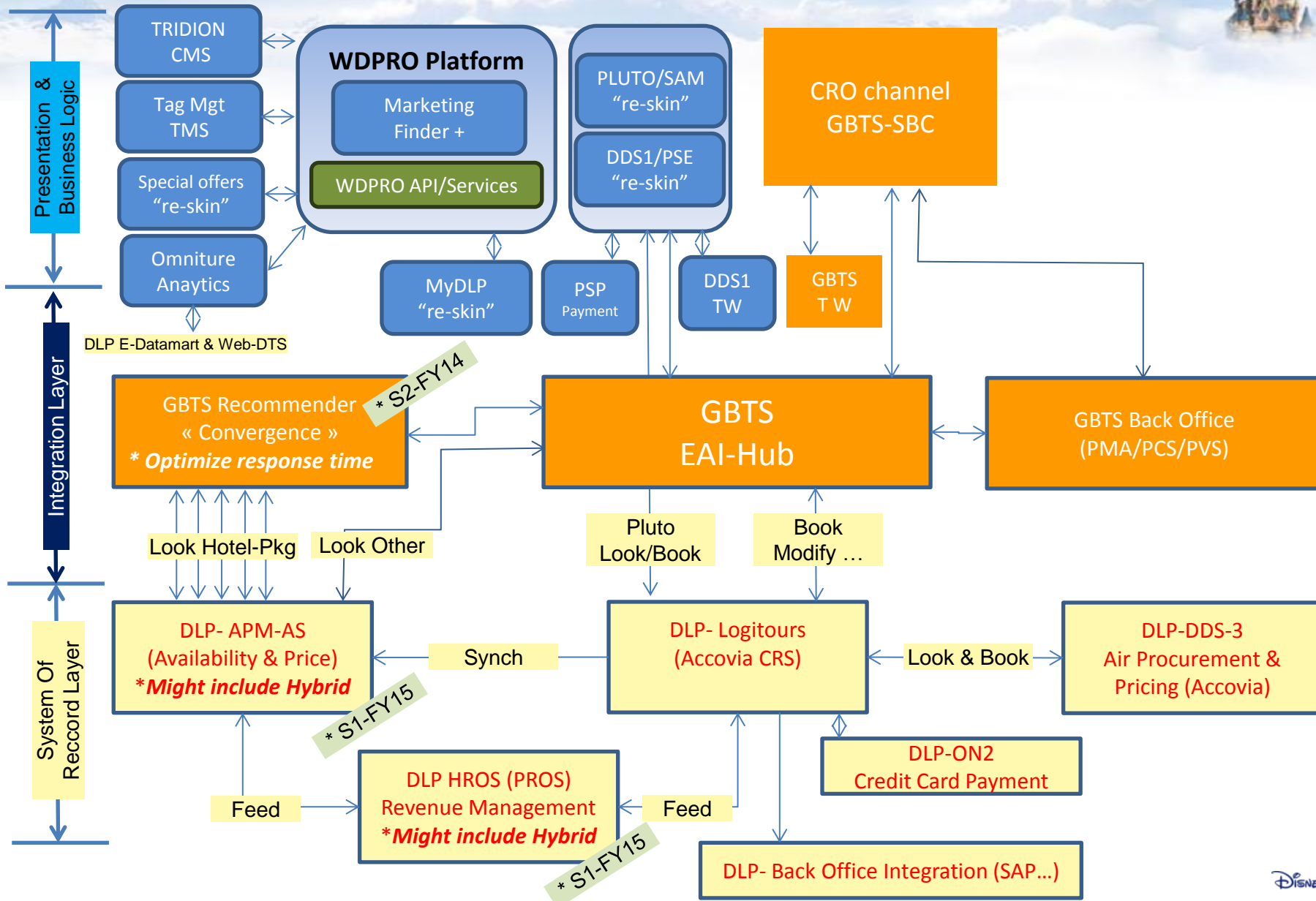
- DLP Current state
- DNX Phase #1 conceptual architecture
- DNX Phase #2 conceptual architecture
 - Leveraging current GBTS EAI integration messages for the SOR's
 - Leveraging current PMS-PVS/PCS module for the Product Enabler
- DNX Phase #2 conceptual architecture
 - Leveraging current GBTS EAI integration messages for the SOR's
 - Adopting the new GBTS Product Platform (to be built) for the Product Enabler

DLP Current State



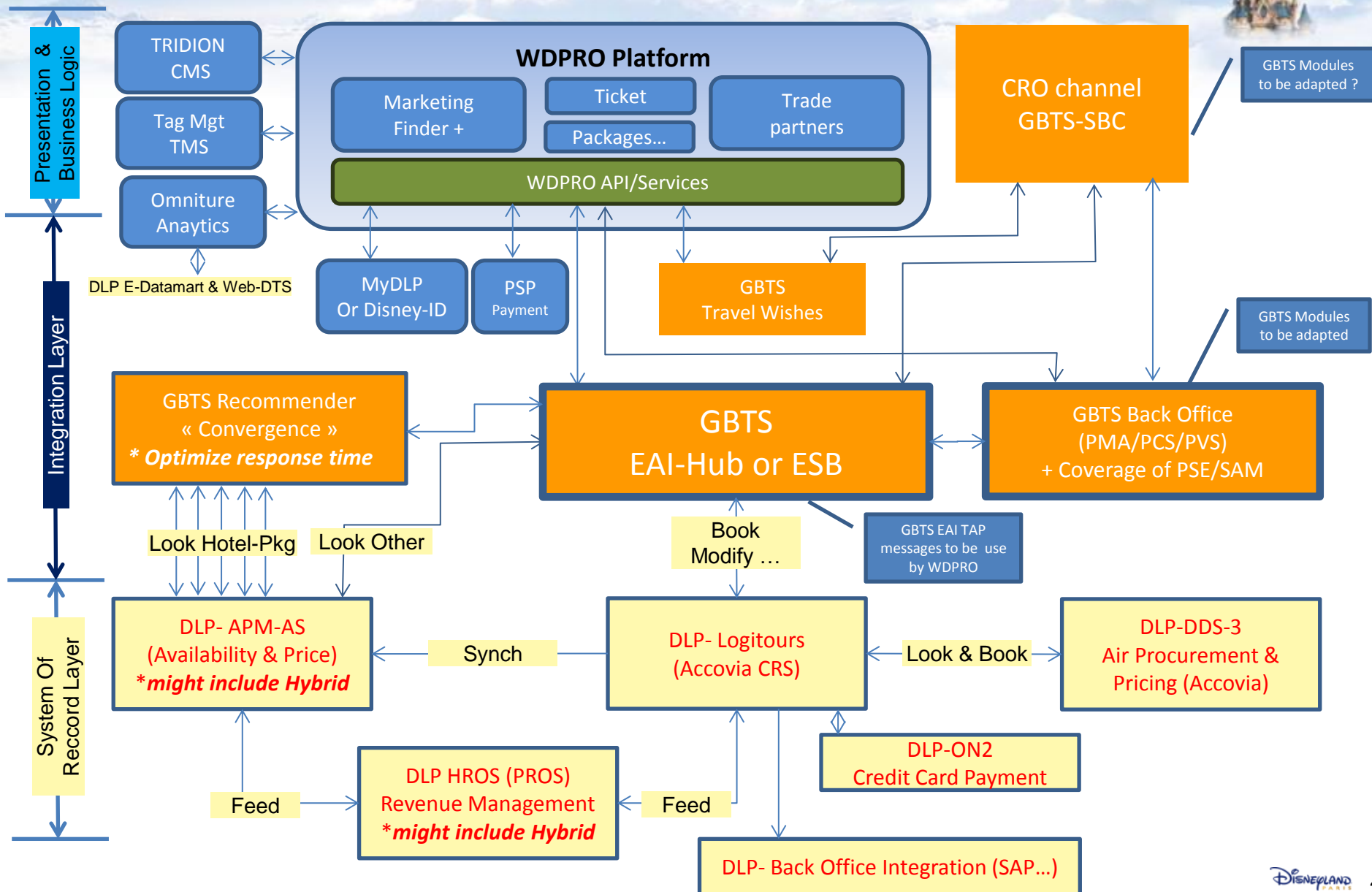
Draft

DNX Phase #1 (Marketing)



Draft

DNX Phase 2&3 (ticket & package) Leveraging current GBTS Product Enabler (PMA...)



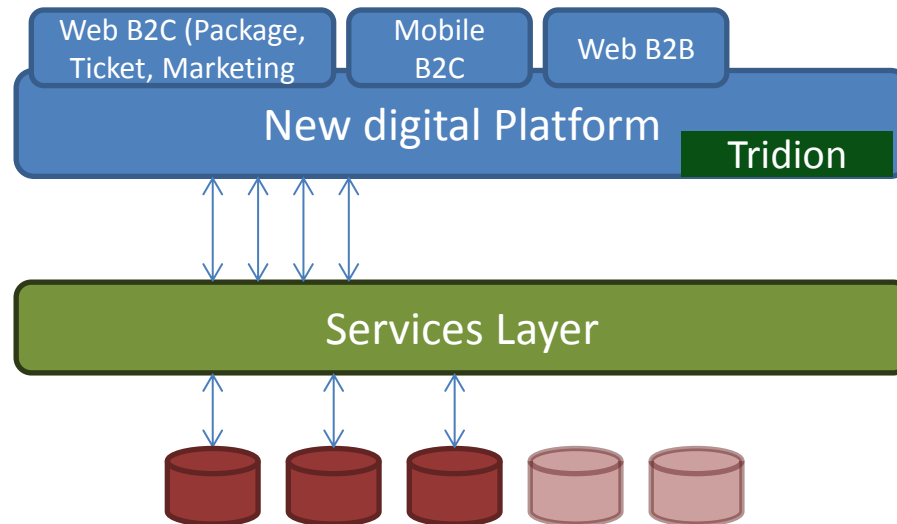


BACK UP

Target Architecture

focus on digital

Functional Domain	Key Considerations
Architecture foundations	- New Services Layer providing a common set of business services for all channels isolating underlying components from the distribution channels
Digital	- New common digital platform (leveraging TRIDION) for B2B and B2C ecommerce and marketing content, addressing multi-devices and providing improved features (new sales dialog, Pricing 3 requirements, guest care features, personalization, ...)

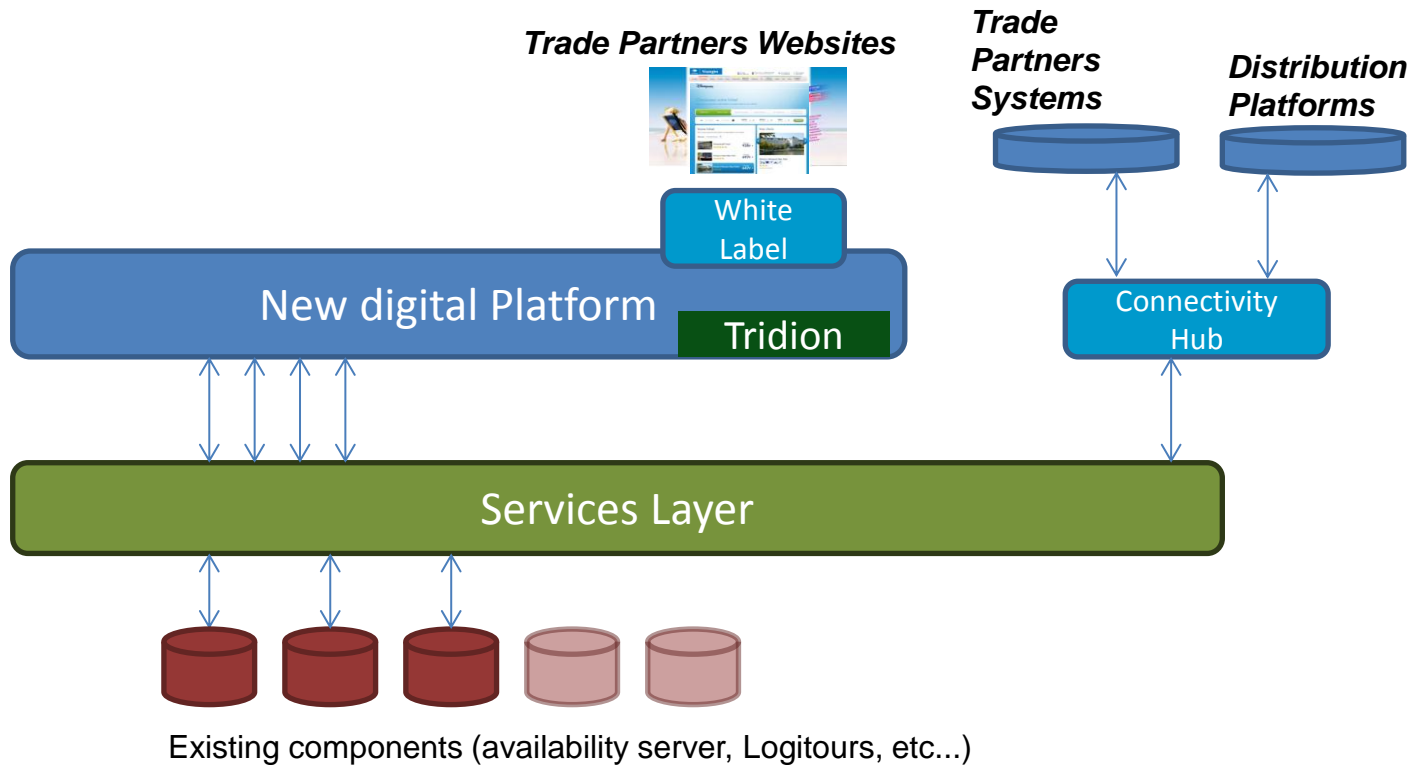


Existing components (availability server, Logitours, etc...)

Target Architecture

focus on trade connectivity

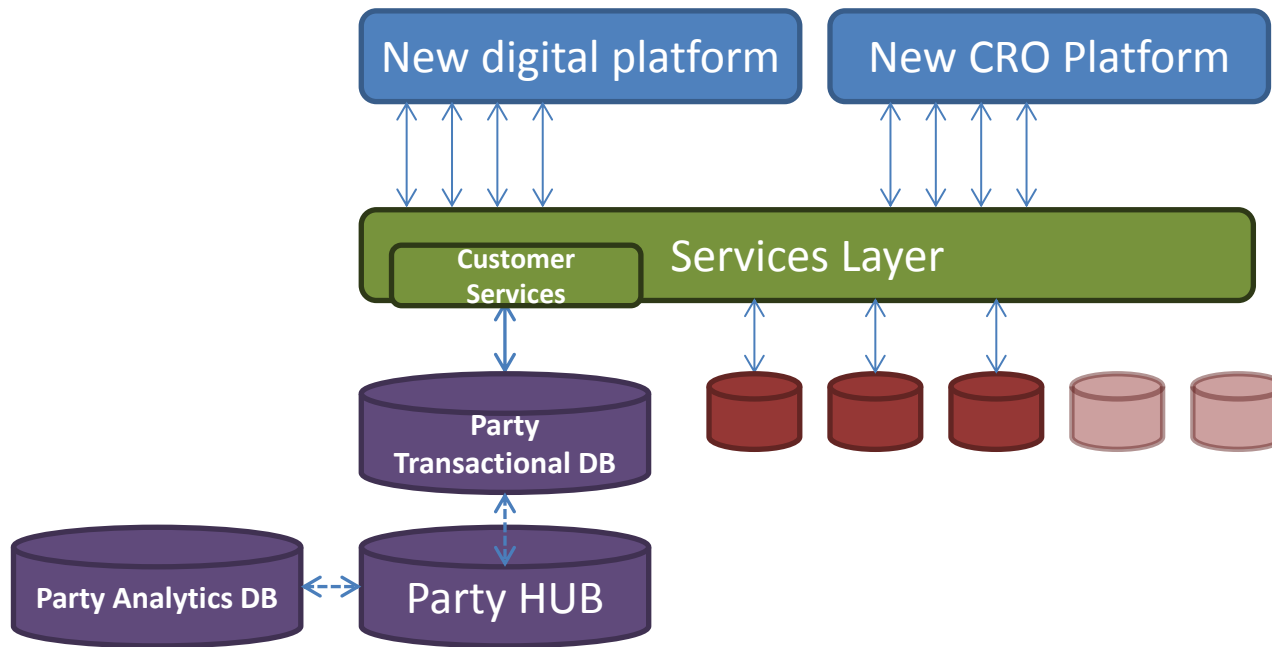
Functional Domain	Key Considerations
Trade Connectivity	<ul style="list-style-type: none"> - White Label Solution for trade partners based on new web platform - Host to host Connectivity to trade Partners through a connectivity hub plugged on the service layer



Target Architecture

focus on customer management

Functional Domain	Key Considerations
Customer Management*	<ul style="list-style-type: none">- Party HUB to master Customer data (cleansing, normalization, etc...)- Party Transactional DB to enable channels to leverage customer data- Recommendation engines to personalize content, recommend offers- New CRO platform with CRM focus providing new features (i.e. Co-browsing, view of customer profile and history)

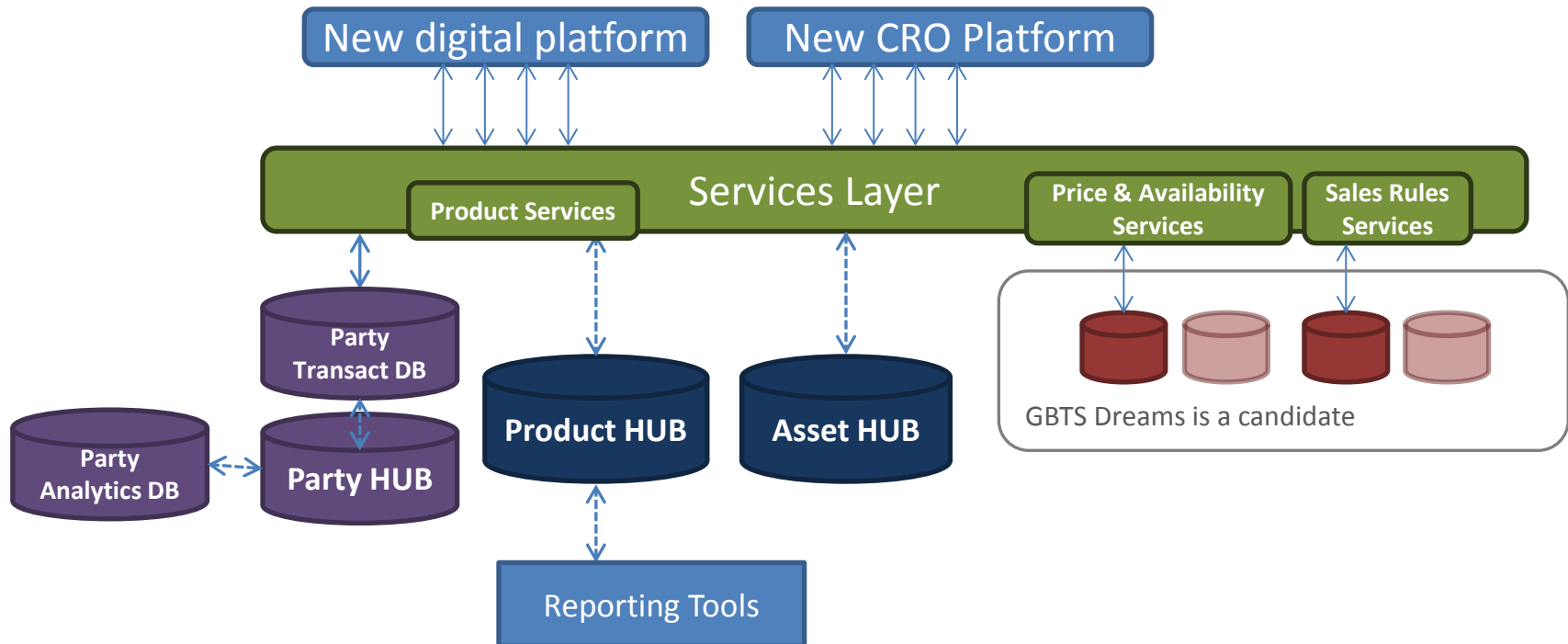


* including insight & Reporting

Target Architecture

focus on product and price management

Functional Domain	Key Considerations
Product & price management*	<ul style="list-style-type: none"> - Product HUB (leveraging MDM technology) to be used as the master referential for product data. - Product services (including current PSE functionalities) - Single Pricing and Availability Services, Sales Rules Services, Recommendation/Eligibility Services scaled to fit Look Performance in the context of constrained products and independent from Logitours.

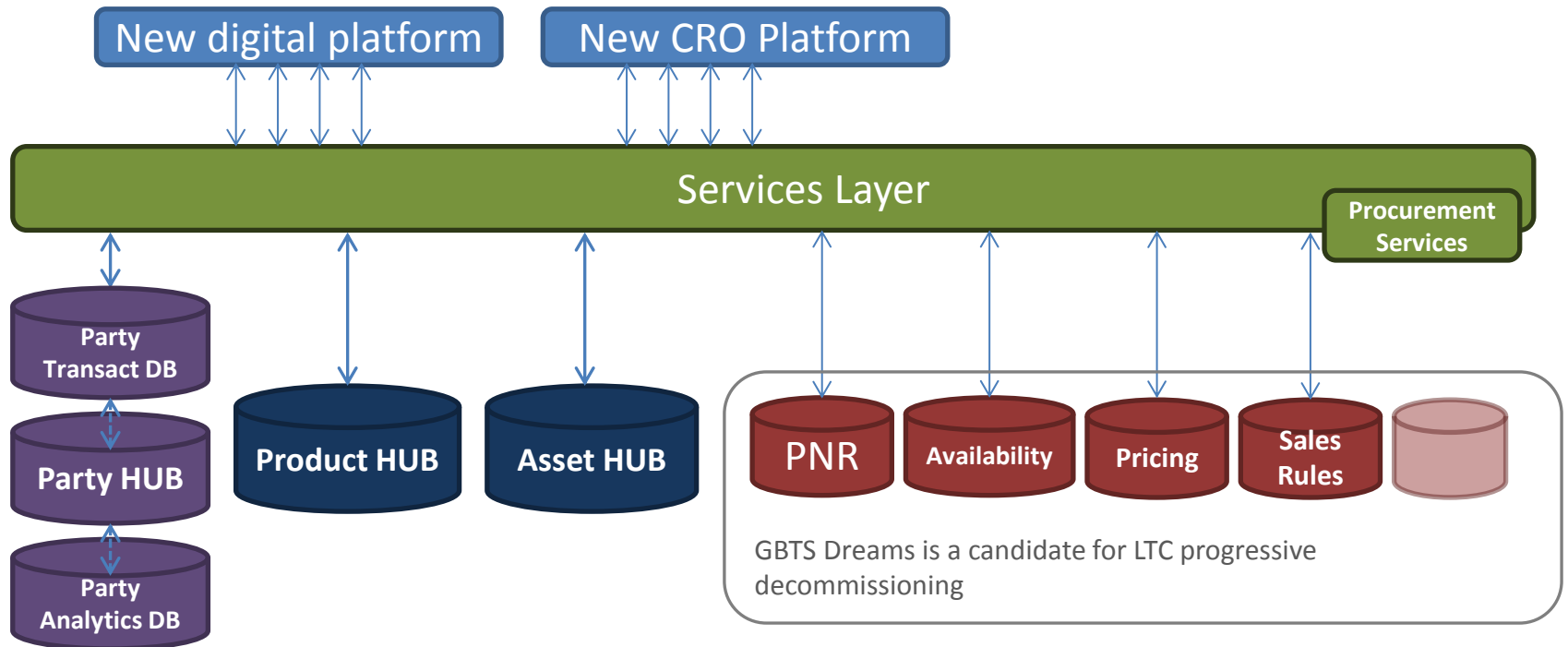


* including insight & Reporting

Target Architecture

focus on Logitours retirement

Functional Domain	Key Considerations
Logitours Retirement	- Progressive decommissioning of Logitours features (LTC as a product hub, LTC as a PNR, LTC as part of the Non DLP products Procurement Services,...)



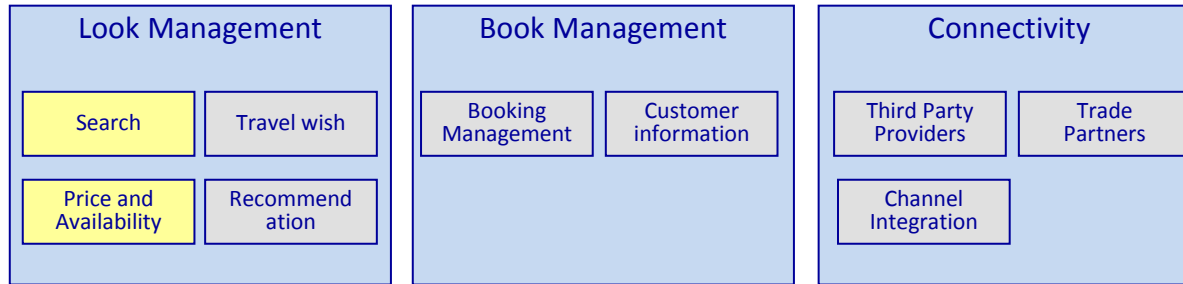
Product Program capabilities applied to the CRS model

Capability that should be covered by the Product Program

Capability that could be covered by the Product Program

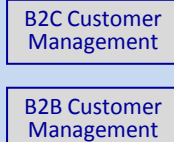
DLP Central Reservation System Capability Model

Distribution

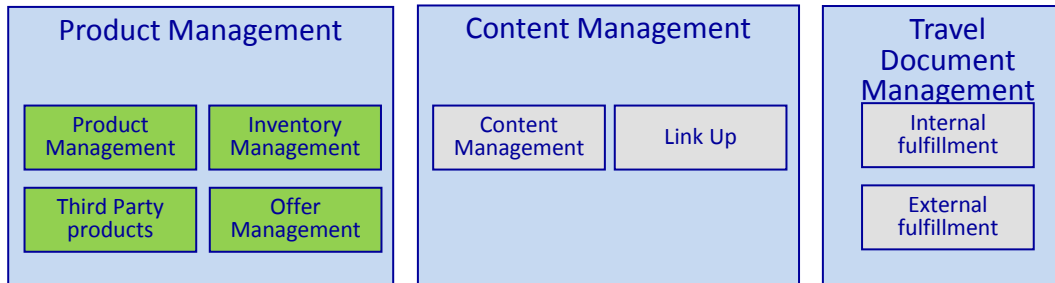


Customer Mgt

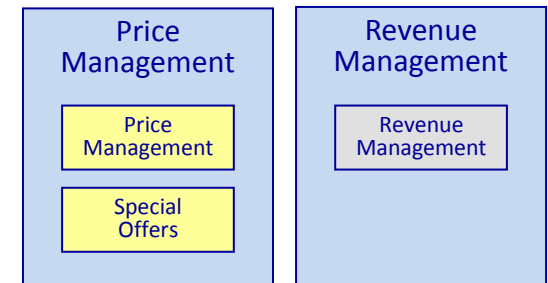
Customer Insight & Analytics



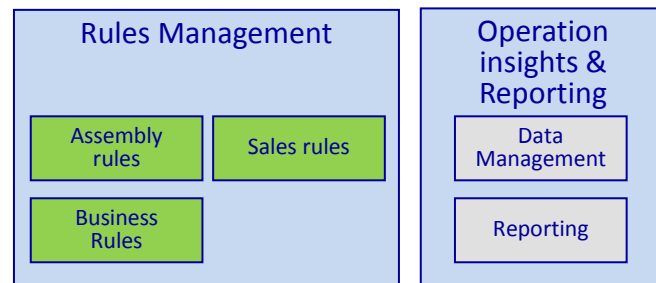
Product Management



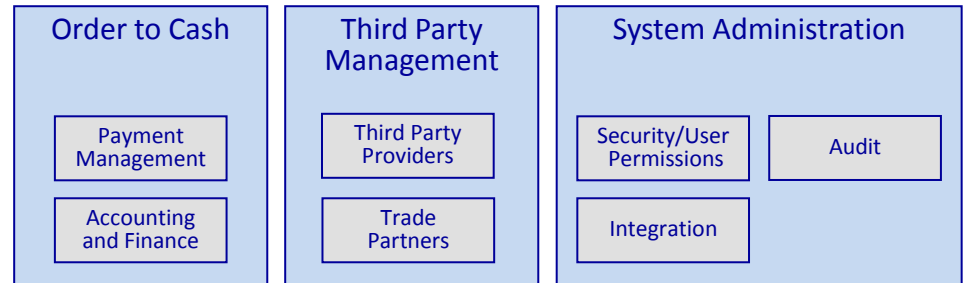
Price & Revenue Management



Back Office Operations



Corporate Core



DLP Central Reservation System Capability Model

Capabilities definition 1/2



Business Capability (Level 1)	Business Capability (Level 2)	Business Capability (Level 3)
Distribution	Look Management	<u>Search</u> : criteria setting, shopping basket, <u>Travel Wish</u> : registration of uncompleted booking <u>Price and Availability search</u> : Inventory search, quotation, free sell products, calendar <u>Recommendation</u> : push of offer, product for cross selling / up selling
	Book Management	<u>Booking management</u> : aggregation of booking details (overall items constituting the booking), booking status management, booking adjustments <u>Customer information management</u> : customer information collect, profile creation and enrichment
	Connectivity	<u>Connection to 3rd party providers</u> : accessibility to partners' products inventory and price, booking adjustments <u>Connection to trade partners</u> : accessibility of trade partners to inventory and rates, booking adjustments, access to calendars <u>Channel integration</u> : ability to integrate with distribution channels, web, mobile, call centre, white label...
Product Management	Product Management	<u>Product management</u> : product strategy definition, product and package setting, product referential management <u>Third party products management</u> : external products inventories & rates management <u>Inventories management</u> : virtual inventory management, physical inventory assignment <u>Offer management</u> : offer strategy definition, channel strategy management
	Content Management	<u>Content management</u> : product description & content information, publication process, translations <u>Link up</u> : content and product link with partners sites
	Travel Documents Management	<u>Internal fulfillment</u> : travel documents fulfillment to customers, confirmation letter <u>External fulfillment</u> : travel documents management from/to partners

DLP Central Reservation System Capability Model

Capabilities definition 2/2



Business Capability (Level 1)	Business Capability (Level 2)	Business Capability (Level 3)
Price & Revenue Management	Price Management	<u>Prices management</u> : pricing strategy, rates definition, price calculation <u>Special offers</u> : promotions strategy, promotions rates & prices definition
	Revenue Management	<u>Revenue Management</u> : Optimization & Controls: data analysis, bid price controls, demand forecasting, external data integration, performance analysis, model adjustment
Customer Management	Customer insight and analytics	<u>Customer management</u> : B2B and B2C customer data consolidation, data acquisition & enrichment, relationship profile and history, data mining, customer segmentation. Connectivity with external CRM tools
Back-Office Operations	Rules management	<u>Assembly rules management</u> : combination rules, availability rules, pricing rules <u>Sales rules management</u> : eligibility rules, payment rules, terms & conditions rules, <u>Business rules management</u> : security rules, other rules
	Operation insight and reporting	<u>Data management</u> : data referencing, data capture, data consolidation, data enrichment <u>Reporting</u> : Operational and analytic report generation, integration with Datamarts
Corporate Core	Order to Cash	<u>Payment management</u> : currencies management, payment modes management, exception management, credit authorization, payment <u>Accounting & Finance</u> : invoicing preparation, Account Receivable collection, posting code/GL, cash application
	3rd Party Management	<u>Trade Partners Contract management</u> : contract types & templates definition, attributes and offer definition, commissions management, payment and invoicing policy, contract follow-up, contract signature <u>Third Party providers Contract management</u> :
	System Administration	<u>Security/User Permission</u> : Setup and maintenance of system users and their permissions within the application. <u>Integration</u> : Ability to integrate with external applications (Distribution channels, Ticketing application, Property management system, ...) <u>Audit</u> : compliancy with Audit rules (PCI, SOX, CNIL...)

DLP Products

DLP Products that can be bought through distribution channels



DLP Product	Descriptions	Booking Systems	Inventory Config.	Price Config.	Distribution channels	Fulfillment*	Distribution Offer Strategy
DLP Rooms	7 hotels Around 5-10 room type per hotels	In CRS	Revenue Managed (Day Inv)	DLP Price	• Web • CRO • TO	• In PMS	• Package (with Park Ticket and Tax, and meal plan) • Standalone product (on web)
Park Ticket	Around 7 tickets (from 1-5 day tickets, 1/2 day tickets can be one or 2 parks)	In CRS or Galaxy	No constraint	DLP Price	• Web • CRO • TO	• In Galaxy via Fulfillment HUB • In SmartMedia DB and Galaxy via Fulfillment HUB	• Package (mainly with Room and Tax, could also be bundled with Bus/meal plan) • Standalone product
Shows	1 Dining show (WWS)	In CRS	Inventory (Day & Time Inv)	DLP Price	• Web • CRO • TO	• In Galaxy via Fulfillment HUB • In SmartMedia DB and Galaxy via Fulfillment HUB	• Add-on • Standalone product
Character Meals	Around 10 characters Meals (breakfast/lunch/dinner with different locations)	In CRS	Inventory (Day & Time Inv)	DLP Price	• Web • CRO • TO	• In TILT via Fulfillment HUB • In SmartMedia DB via Fulfillment HUB?	• Add-on
Special Events	Around 10 events per years, Christmas dinner, Hallowing party....	In CRS	Inventory (Day & Time Inv) No available all days	DLP Price	• Web • CRO • TO	• In TILT via Fulfillment HUB	• Add-on • Standalone product
Meal Plan	Half & Full Board 2 level of services	In CRS	No constraint	DLP Price	• Web • CRO • TO	• In TILT via Fulfillment HUB • In SmartMedia DB via Fulfillment HUB	• Add-on
Annual Passports	2 types	In another system Galaxy	No constraint	DLP Price	• Web • CRO • TO	• In Galaxy	• Standalone product
Fast Pass	1 type	In CRS	Not Constraint	DLP Price	• Web • CRO • TO	• In Galaxy?	• Add-on
Extra services	DPL service for Flowers, Champagne, Limousine Extra Magical Hours,	In CRS ?	No constraint	DLP Price	• CRO • Web	• In PMS /TBD	• Add-on

External Products

Procured products sold by DLP through distribution channels



Third Party Product	Booking Interface	Inventory Config.	Price Config.	Distribution channels	Fulfillment*	Distribution Offer Strategy
S&A Hotels	S&A Hotels daily batch <u>Or</u> Manual (Manifest Reports)	Allotment in DLP (manually adjusted in CRS DLP according to supplier's daily requests)	in DLP	• Web • CRO • TO	Sent by DLP	Room package
Parisian hotels	Manual	Allotment in DLP	in DLP	• Web (Tbc) • CRO (tbc)	Sent by DLP	Add-on Transportation Package
Air	LexoT (Real-time)	Real time supplier availability	OUT + rules in LexoT	• Web • CRO	Sent by DLP	Add-on Bundled with Room package?
SNCF/Eurostar	Manual (in Sabre) Real-time interface TBD	Semi-automatic replication of SNCF-Sabre availabilities <u>Or</u> Allotment (BSG) <u>Or</u> On-request real time supplier availability	DLP OUT + rules	• Web • CRO	Sent by DLP	Add-on Bundled with Room package?
VEA	VEA daily batch	No constraint (ability to manually close sales on given dates)	in DLP	• Web • CRO • TO?	Sent by provider	Add-on Can be bundled with Air
Ferry / Eurotunnel	Manual (External website)	Subject to supplier availability (on-request)	in DLP	• CRO • Web	Sent by DLP	Add-on Room package
Car Rental	Manual (External website)	Subject to supplier availability (on-request)	in DLP	• CRO • Web	Sent by DLP	Add-on
Bus	Manual (Call / Manifest)	Allotment in DLP	in DLP	• CRO/ WEB	Sent by DLP	Add-on Can be bundled with Tickets /Meal?
RER/ metro tickets	n/a	Physical stock within DLP	in DLP	• CRO • Web	Sent by DLP	Add-on Can be bundled with Excursion
Excursion (+ Sealife)	Manual (Call / Manifest)	No constraint (ability to manually close sales on given dates)	in DLP	• CRO • Web	Sent by DLP	Add-on
Insurance	Manual (Manifest)	n/a	in DLP	• Web • CRO • TO	Sent by DLP within conf letter	Add-on
Leisure (Spa, Golf)	TBC	Allotment in DLP	in DLP	• CRO • Web	Sent by DLP	Add-on
Ouigo	Real-time Interface TBD	real time supplier availability	OUT + rules in LexoT	Web / CRO	Sent by DLP	-
Digital Pictures	TBD	TBD	TBD	• Web	TBD	TBD

* Ticket/Voucher issuing in addition to confirmation letter sent by DLP

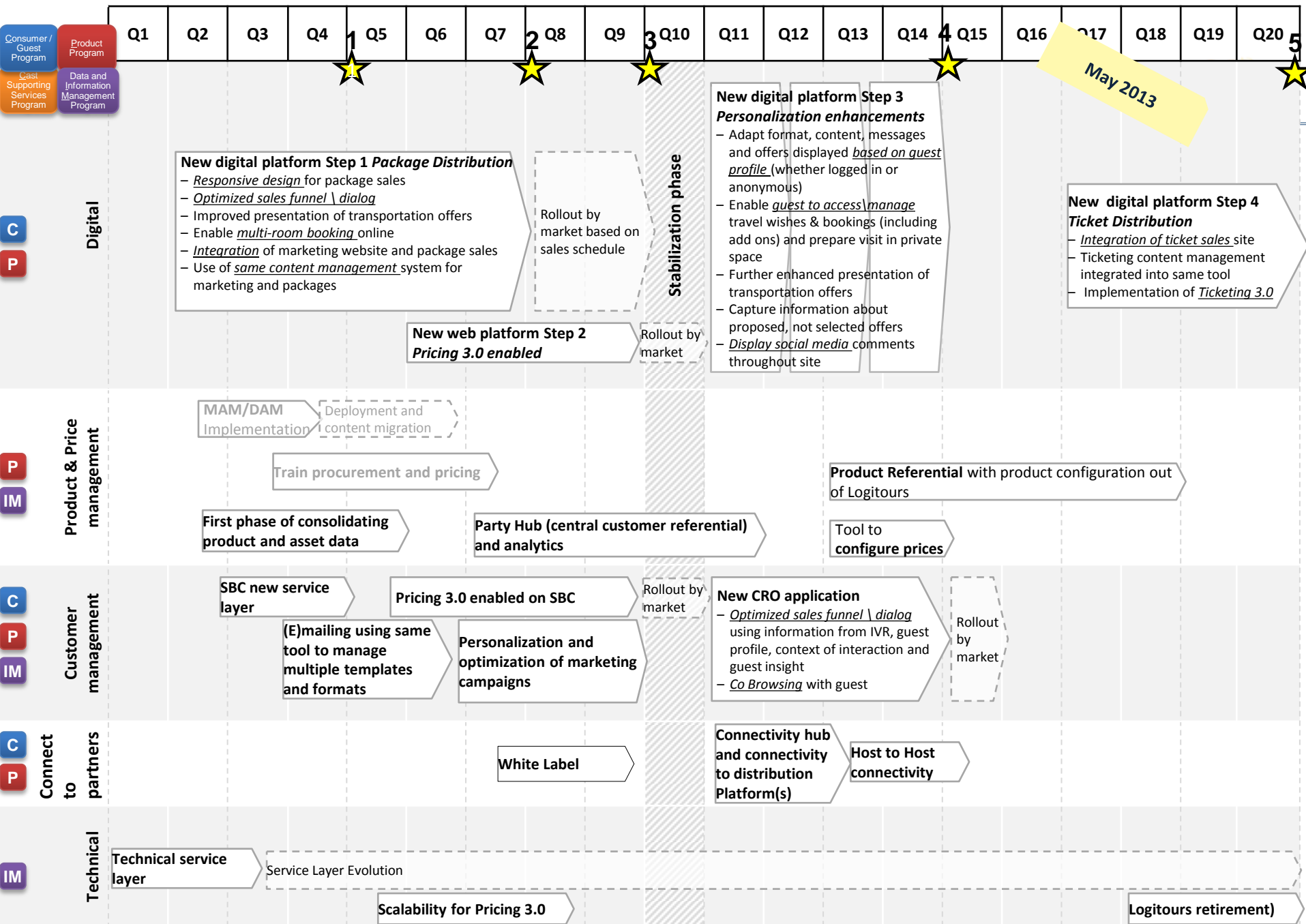
Existing products

Candidates for future offer

xxx: Potential evolution

DLP Strategic Roadmap – Business view

★ Stable States



Pricing 3.0

To fully implement Pricing 3.0, the following changes will be necessary:

*Illustrative
To be reviewed based on
Pricing 3 requirements*

Application	Changes required
Digital platform: DNX phase 1 & 3 completed , plus adaptations	<ul style="list-style-type: none"> • Manage current and new product offer • Enhanced sales dialog to integrate Pricing 3.0 steps and features <ul style="list-style-type: none"> • Resort listing/offer listing, Car wash, Matrix and Price calendar to be created • Hotel selection, room selection and add-ons pages to be modified • Updated consumer web site (page structure, content development, ...) • Updated web analytics and DTS
SBC	<ul style="list-style-type: none"> • Enhanced sales dialog to integrate Pricing 3.0 steps and features <ul style="list-style-type: none"> • Car wash, Matrix and Price calendar to be created • Hotel selection, room selection and add-ons pages to be modified • Need to account for both creation of bookings and modification of bookings • During transition period, need to be able to support modification of current booking format and Pricing 3.0 bookings
Recommender	<p>Modification of the Look and Book processes to support Pricing 3.0</p> <ul style="list-style-type: none"> • 4 experience packages • Alternatives to include 2 other packages, 3 other hotels and 3 alternate date ranges
Indirect channels	<ul style="list-style-type: none"> • Online connectivity through white label (or distribution platform) • Limit changes on other tools/processes
Other	<ul style="list-style-type: none"> • Configuration of the offers in Logitours, CMS, and solutions managing the sales rules • Updated analytics & Reporting

Key Business Imperatives driving the BT roadmap

DLP must be able to ...



Company Imperatives:

Consumer-Centricity – Trust & Transparency – Quality – Profitability

Consumer & Guest

Increase Consumer
Direct distribution

Create a relevant
experience in line with
DLP brand everywhere

Capture a higher share of
Guest total spend

Improve communication
efficiency and ability to
react to guest

Enable profitable and
transparent trade
partnerships

Grow in emerging
markets and PTM

Product

Foster “Mass Premium”
Positioning

Provide more customized
offers/experience to
consumers

Reduce time to market
for new products

Information Management

Control messages and
brand representation

Recognize guest and
share information across
channels and steps

Track performance of
initiatives to influence
future strategy