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Wholesale System Simplification – Overview

Prepared for CMP/CUF

Ron Moore

Lead – Business Management



Agenda

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- Wholesale System Simplification
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Introduction

Wholesale System Simplification

Four Regions migrating to National Platforms

Technology drives changes to mature systems

Benefits

Simplify Billing formats

Consolidate UNE and LWC products onto one platform

– Maintain Regional Business Rules

Simplify Usage Adjustment / Dispute process

Impacts

Wholesale and Retail Customers are impacted

Ordering / PreOrdering Interfaces will not change

Business Rules and Edits will remain

Minimal Impacts to Access ordering and billing

LWC products currently billed in Tapestry will migrate to CABS

No change to Regulatory requirements / Industry standards



Approach

Simplify Systems – System Integration (~160 applications are expected to retire as a result of WSS)

Simplify Support Systems – Migrating to common platforms and applications for billing and ordering

Migrate wholesale products (Access Services, UNE, and LWC) onto a standard CABS billing system

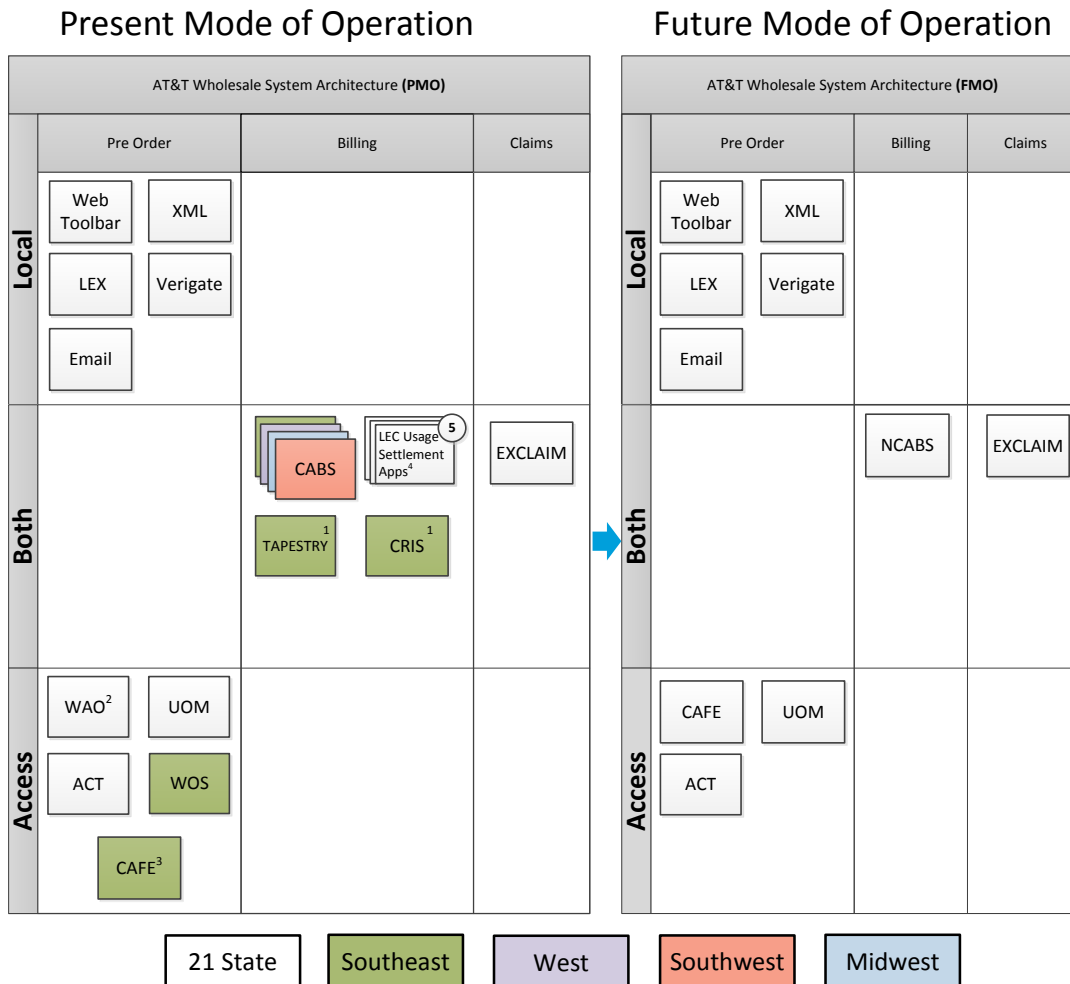
Consolidation of Ordering Platforms

– Ordering Interfaces will not be eliminated

Merge Internal Service Order Distribution Systems



Present/Future Mode of Operation



Interface Changes

No significant ordering changes. Carriers and retail business clients will continue to use the systems and interfaces to connect and perform Pre-Order and Order functions. The same ordering rules apply for products and services.

As announced in other communications, Access ordering will continue to migrate from WAO to the CAFE platform.

Billing changes will occur due to consolidation of Billers and the LEC Settlement suite of applications.

Accounts billing LWC products from Tapestry applications will migrate to the National CABS platform. This is generally in the SE. LWC in regional CRIS order processing / provisioning systems that today goes through regional CABS billing (generally in the MW) will migrate billing to the National CABS platform.

1. SE CRIS/Tapestry is displayed due to Wholesale products (e.g., CRIS: "Wireless Access"; Tapestry: "LWC", etc.) that bill out of those regional instances and will be moved to NCABS during Wholesale System Simplifications

2. There is an effort (unrelated to WSS) to retire WAO

3. Only SE Reciprocal Trunk products are ordered in CAFE

5 4. LEC Usage Settlement Apps include: PCRC, ICO-STLMT, LSB, IBIS, and LECSIS



Timeline

Tentative Conversion Timeline

Conversion activity has three aspects: Local Wholesale (ordered through LASR), Switched and Special Access (ordered through ARIS/EXACT), and LEC Settlement (adjustments).

The conversion activity will be triggered as the accounts are moved from the current regional billing system to the consolidated system. The Settlement conversion will occur as the regional usage settlement application is migrated to the new platform. Firm dates have not been set, but are projected as seen in the accompanying chart.

Each region will be converted beginning with the Midwest Region (MW), currently targeted beginning 1Q18, progressing to the Southwest Region (SW), the Southeast Region (SE), and finally the West Region (W) completing in 3Q21.

Standard Accessible Letters and documentation will continue to be the notification process conveying upcoming release and conversion activity timelines.

Tentative Timeline		Local Wholesale	Switched & Special Access	LEC Settlement
2018	Q1	MW		
	Q2		MW	
	Q3			
	Q4	SW		
2019	Q1		SW	
	Q2			MW
	Q3			
	Q4	SE	SE	
2020	Q1			SW
	Q2	SE (Tapestry)*		
	Q3			
	Q4			
2021	Q1	W		
	Q2			SE
	Q3		W	W
	Q4			

* SE Tapestry Billing (focused on LWC) will be migrated onto the National CABS platform separately from the SE CABS account migration



Communication Plan

Wholesale Simplification Topic Timeline

January 2017	Overview
February 2017	Conversion Plan and Timeline
March 2017	Billing Consolidation Impacts
April 2017	Ordering Impacts

Accessible Letter timeline will be maintained



Summary

Scope

Wholesale System Simplification is an AT&T program that has a goal of simplifying the regional service order distribution and access billing applications by migration onto national platforms. This program is currently underway with account migrations beginning no earlier than January 2018 and extending through 2021. The target platforms for consolidation are National Service Order Retrieval and Distribution (NSORD) and National Carrier Access Billing System (NCABS); both national platforms will be based upon the current SW system platform.

Impact

The primary impacts of these migrations will be to Wholesale Customers and Large Business Retail customers ordering through the Access Tariffs, Commercial Agreements, and Interconnection Agreements. These would include: Competitive Local Exchange Carriers (CLECs); Interexchange Carriers (IXCs); Wireless/CMRS Carriers; Incumbent Local Exchange Carriers (ILECs) a/k/a Independent Telcos (ICOs); other carriers that buy wholesale access or data products; and some large retail customers. In addition, functionality is being added to enhance usage billing through the LEC Settlement processes.

Communication Plan

Initial Communication January 2017

Periodic updates February – April 2017

Formal communications (Accessible Letters, Release Announcements, Requirements, etc.) will be provided.



