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Attract and retain customers with enhanced broadband service coverage Leverage a unified serviceability framework to improve the service qualification

Credits

Srinivas B

Vijayan B

Mogan A B

Broadband Service Qualification has Become Cumbersome and Time-consuming Leads to Customer Disgualification and Poor Serviceability







Reduced Customer Acquisition



Customer Churn



Opportunity Loss

address and service repositories

Lack of support for multi-technologies (e.g.) Copper, Fiber, IPTV, Cable, Fixed Wireless

Lack of agility to accommodate real-time customer needs static qualification & feasibility check

Inaccurate measurement of loop length

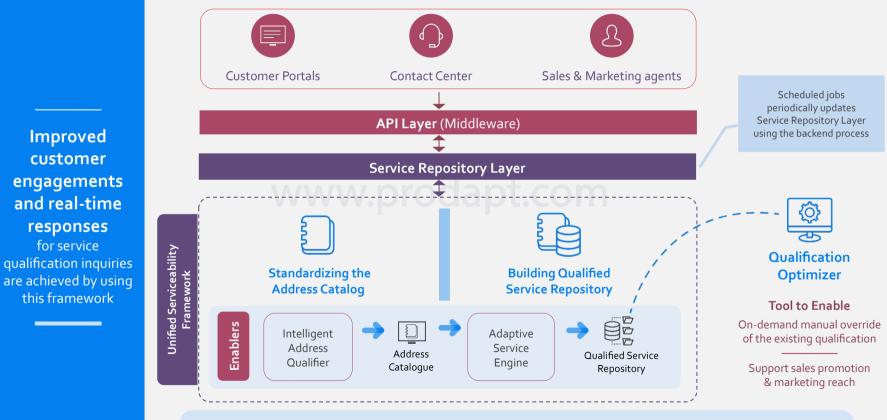
DSPs need to focus on *improving service* qualification to provide the better services for retaining and enlarging the customer base

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Recommended Approach to Achieve Improved Serviceability Using Unified Serviceability Framework

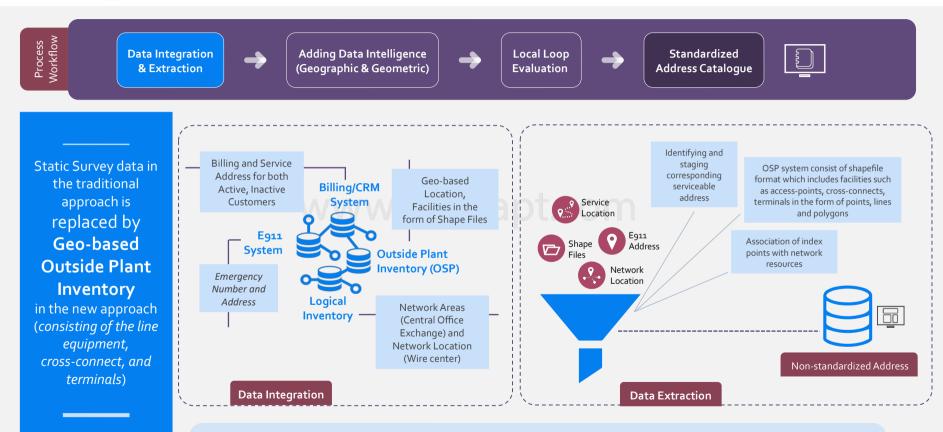


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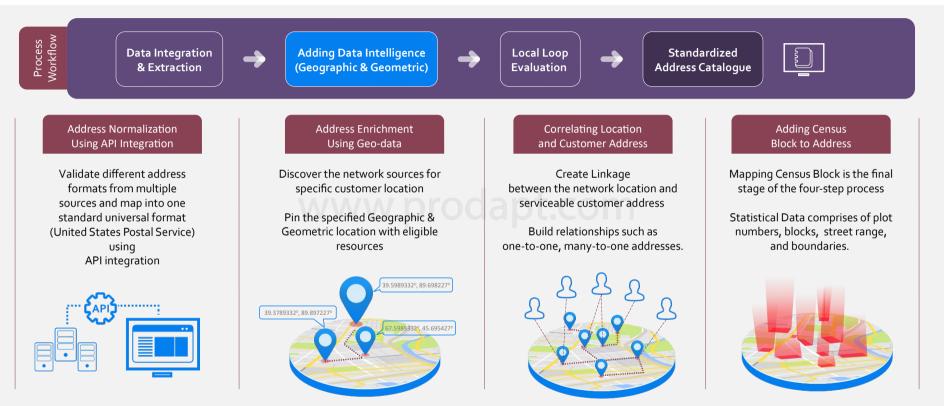
This insight elaborates on the *unified serviceability framework* and the key enablers for improving service qualification process

Standardizing the Address Catalog using Intelligent Address Qualifier Data Integration and Extraction



Extracted addresses are in a non-standardized format and it needs to be standardized before adding further intelligence

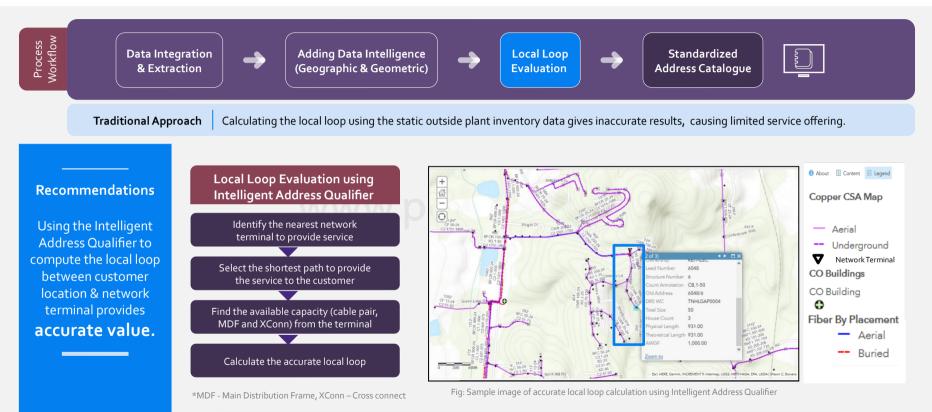
Standardizing the Address Catalog using Intelligent Address Qualifier Adding Data Intelligence (Geographic & Geometric)



Adding data intelligence (Geographic, Geometric & linking network location) help in improving serviceability of customer address by 33%

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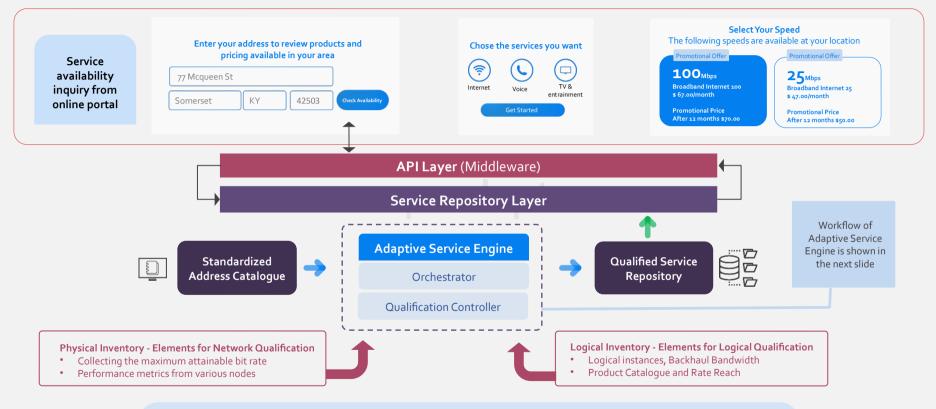
Standardizing the Address Catalog using Intelligent Address Qualifier Accurate Local Loop Evaluation



After evaluating the loop length, the customer location gets qualified for providing the service. The standardized address value get stored as a catalogue and referred in the service qualification

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Building Qualified Service Repository using Adaptive Service Engine

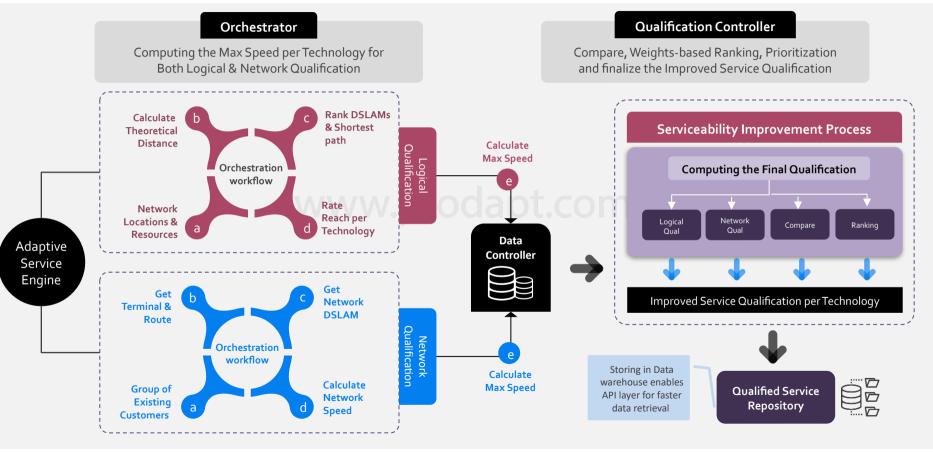


Various limitations of static qualification using inventory data is greatly overcome by leveraging adaptive service engine. It enables DSPs to improve customer experience and customer retention

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Building Qualified Service Repository using Adaptive Service Engine Improved Service Qualification using Orchestrator and Qualification Controller

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Confidential & Restricted

Sample screenshots – Traditional vs. Improved Service Qualification Using Adaptive Service Engine

Traditional service qualification	Pre Dir (Clear) V NIAGARA peed Qualification DSL Qual Qual up Cable Qual		St Type	City/Co LEXINGTON Speed do Speed u		Mb	State entucky	ZIP	Search
Improved Service Oualification Copper, Fiber, Fixed Wireless and IPTV with respective Max Speeds	DSL Qual	000000024566763 Copy	City LEXINGTON Service Max Speed Up 1.966 MB 1000 MB	ceability UI Max Speed Down 47.317 MB 1000 MB	State KY V		Search	Clear	
	Cable HSI Qual	QUAL UP TO 25 MB QUAL UP TO 15 MB IPTV	2.048 MB	28.8 MB	N N				

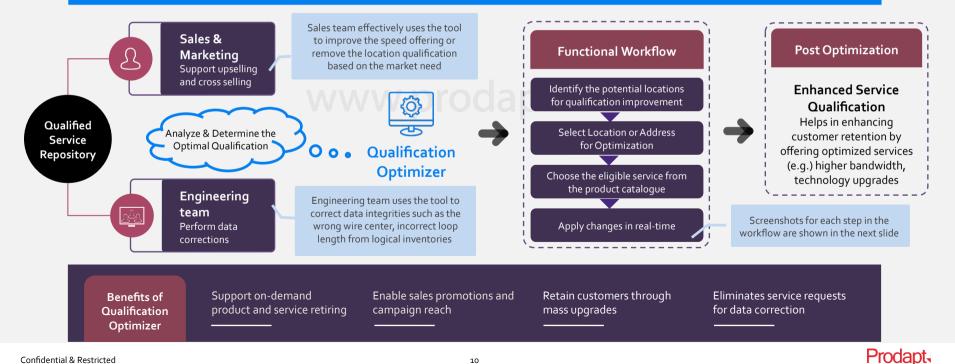
Qualification Optimizer Tool

On-demand manual service qualification override for sales promotions and data corrections

Build a Qualification optimizer module to be integrated with **Unified Serviceability Framework to** enable :

Sales & marketing team to enhance service qualifications for target segment, for promotions, mass upgrades and achieve higher customer retention.

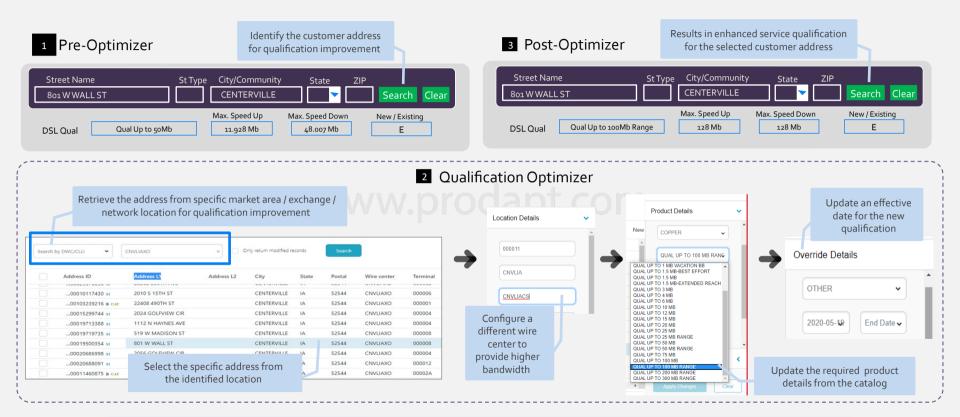
Engineering team to resolve configuration issues and perform data corrections.



Sample Screenshots from Qualification Optimizer Generic Workflow for Enhanced Service Qualification



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Qualification Optimizer enables upselling and cross-selling in real-time with improved qualification and enhanced customer experience

Benefits Achieved by a Leading DSP In North America After Implementing Unified Serviceability Framework

A leading DSP in North America faced major challenges in the service qualification process, which lead to poor CX (Customer Experience) and missed opportunities. Implementing the recommended approach as discussed in this insight, resulted in the following benefits.



27.5% Delightful Customer Experience due to higher bandwidth **5.5**%

Enhanced Qualification using Overriding Mechanism



Get in touch

USA

Prodapt North America, Inc. Tualatin: 7565 SW Mohawk St., Phone: +1 503 636 3737

Dallas: 1333, Corporate Dr., Suite 101, Irving Phone: +1 972 201 9009

New York: 1 Bridge Street, Irvington Phone: +1 646 403 8161

CANADA

Prodapt Canada, Inc. Vancouver: 777, Hornby Street, Suite 600, BC V6Z 1S4 Phone: +1 503 210 0107

PANAMA

Prodapt Panama, Inc. Panama Pacifico: Suite No 206, Building 3815 Phone: +1 503 636 3737

UK

Prodapt (UK) Limited Reading: Davidson House, The Forbury, RG1 3EU Phone: +44 (0) 11 8900 1068

IRELAND

Prodapt Ireland Limited Dublin: 31-36 Ormond Quay Upper Phone: +44 (0) 11 8900 1068

EUROPE

Prodapt Solutions Europe & Prodapt Consulting B.V. Rijswijk: De Bruyn Kopsstraat 14 Phone: +31 (0) 70 4140722

Prodapt Germany GmbH Münich: Brienner Straße, 80333 Phone: +31 (0) 70 4140722

Prodapt Switzerland GmbH Zürich: Mühlebachstrasse 54, 8008 Zürich

Prodapt Austria GmbH Vienna: Cityport 11, Simmeringer Hauptstraße 24, 1110 Phone: +31 (0) 70 4140722

SOUTH AFRICA

Prodapt SA (Pty) Ltd. Johannesburg: No. 3, 3rd Avenue, Rivonia Phone: +27 (0) 11 259 4000

INDIA

Prodapt Solutions Pvt. Ltd. Chennai: Prince Infocity II, OMR Phone: +91 44 4903 3000

"Chennai One" SEZ, Thoraipakkam Phone: +91 44 4230 2300

IIT Madras Research Park II, 3rd floor, Kanagam Road, Taramani **Phone**: +91 44 4903 3020

Bangalore: "CareerNet Campus" 2nd floor, No. 53, Devarabisana Halli, Phone: +91 80 4655 7008

