

VOLUME 2, SECTION 2.8: SERVICE OPTIMIZATION



2.8 SERVICE OPTIMIZATION [C.3.4.5, M.3.13]

Level 3 will meet the Government requirements as specified in RFP Section C.3.4.5 – Service Optimization.

2.8.1 Scope

Level 3 will meet the Networx program's service optimization requirements for the following telecommunications services listed in Table 2.8-1

Service		Optimization Approach
1	Internet Protocol Services (IPS)	
2	Network-Based IP VPN Service (NBIP-VPNS)	
3	Voice over Internet Protocol Transport Services (VOIPTS)	
4		
5	Ethernet Services (EthS)	
6	Premises-Based IP VPN Services (PBIP-VPNS)	
7	Synchronous Optical Network Services (SONETS)	

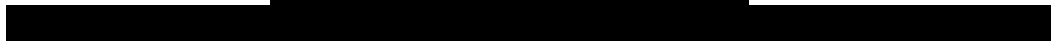
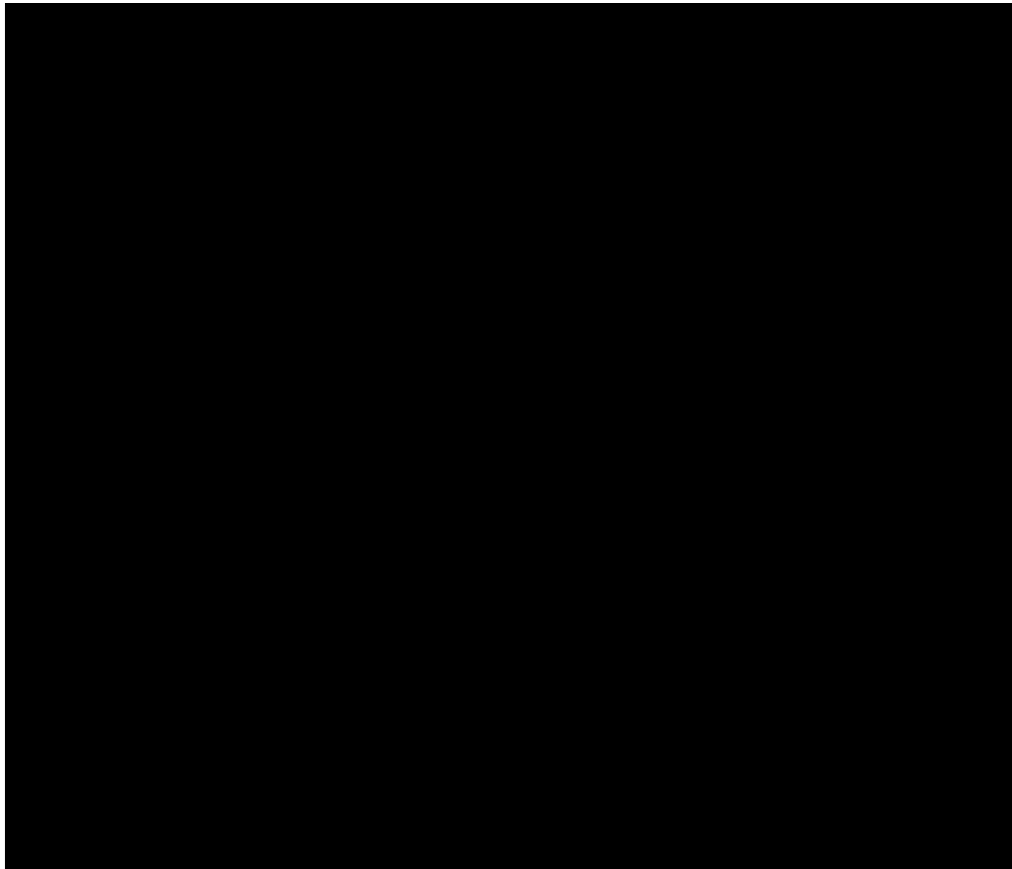
Service		Optimization Approach
1	[REDACTED]	[REDACTED]
9	Optical Wavelength Services (OWS)	[REDACTED]
10	[REDACTED]	[REDACTED]

Table 2.8-1: Level 3 approach to service optimization for telecommunications service

[illegible]

2.8.2 Tools [L.34.2.3.8]

The technical architecture to support the collection and correlation of TSs and utilization data is composed of [REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

2.8.3 Methods [L.34.2.3.8]

Level 3 will generate and provide the Government with candidate locations reports identifying those potential candidates for optimization or consolidation [REDACTED]. Level 3 will utilize the same optimization process for both mandatory and optional services.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] the Level 3 Program Office will activate a service optimization team that will analyze the traffic flows [REDACTED]. The completed analysis will include all telecommunications and access services provided by Level 3 for each location.

As the largest Competitive Local Exchange Carrier (CLEC) in the industry, Level 3 continuously optimizes a large number of contracts and customers, each with unique and different access needs. The Level 3 [REDACTED] work directly with their customers to ensure that they are fully optimized. In order to

maintain competitiveness and cost-effectiveness, Level 3 maintains an [REDACTED] group. This group is dedicated to continual review of telecommunication service and access circuit effectiveness across Level 3, and is dedicated to lowering the access expense of Level 3, with savings passed on to our customers via lower rates or reduced access bandwidth.

The Level 3 [REDACTED] possesses core competencies to collect and analyze usage data and to execute optimization programs. The dedicated sales team will work with the CPO and internal operations groups to collect and analyze the information on a location-by-location basis. The data and information collected by [REDACTED], along with the methods and procedures utilized by [REDACTED], will be used [REDACTED] in reviewing the Government's access needs.

The [REDACTED] will review usage to determine candidates for access consolidation for both individual agencies within a location and for consolidation across agencies within a location.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED] Their in-depth knowledge of the agencies and the agency needs uniquely position them to understand the access needs of each agency and how best to optimize the agency services without sacrificing critical service features.

After performing the service optimization analysis for all the candidate locations, [REDACTED]

[REDACTED] a
recommendation on consolidation to the program office.

[REDACTED]
[REDACTED]

[REDACTED] All data items listed in Networx Enterprise RFP Section
C.3.4.5.4.1.1.4 will be provided in a report to the Government according to
the format described in Section C.3.4.5.4.1.1.3.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

The various service types will be examined separately. [REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Once analysis of all the individual services is complete, an overview of
consolidating access across services will be performed as well. [REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

After the analysis is completed for all services individually and collectively for the (3)Enterprise candidate locations, the results are consolidated. The consolidated optimization results for all the candidate locations will be assembled into a report that includes all the information required in C.3.4.5.4.1.1.4.