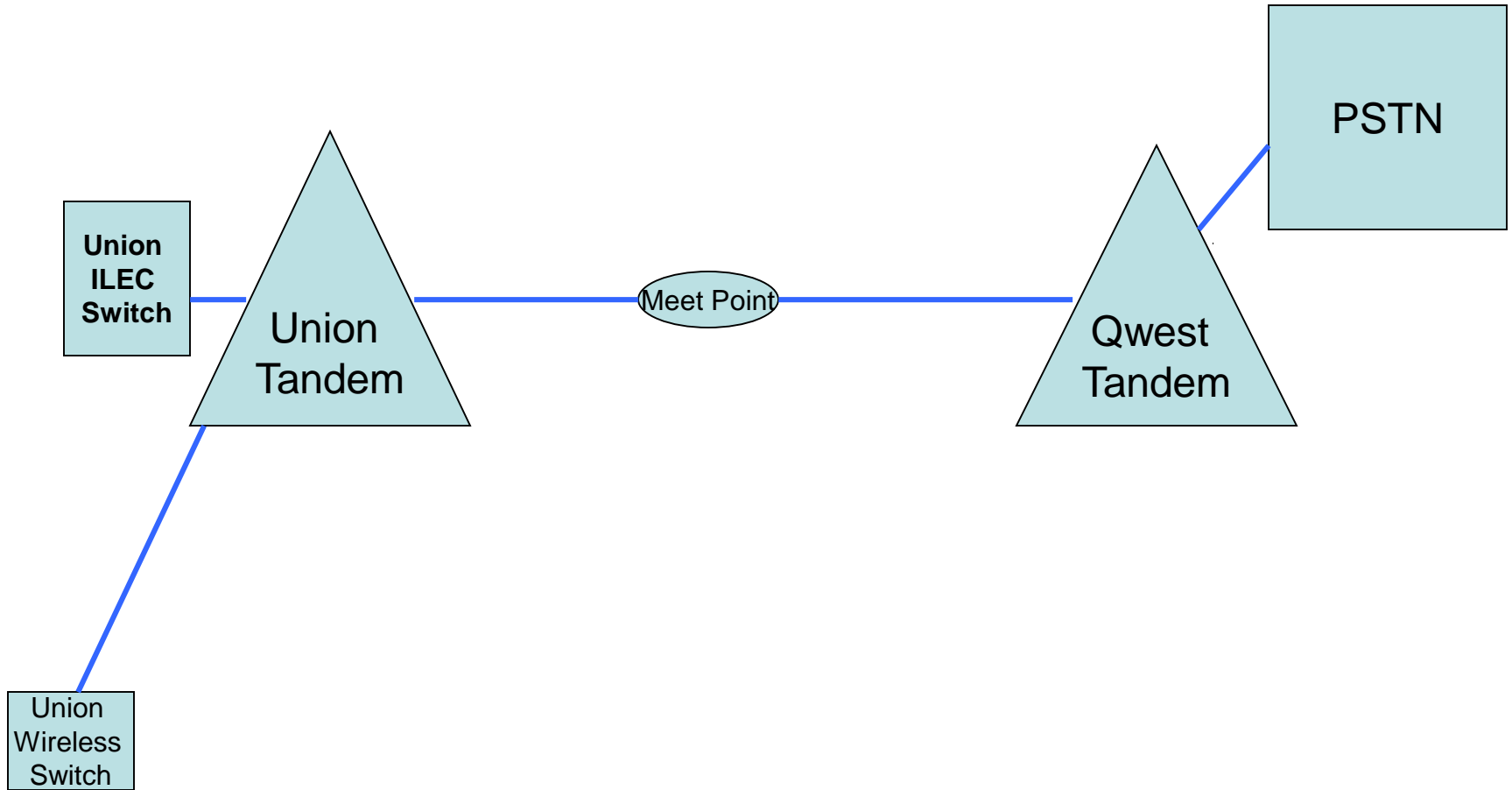


# CURRENT NETWORK CONFIGURATION TRAFFIC FLOW



Legend

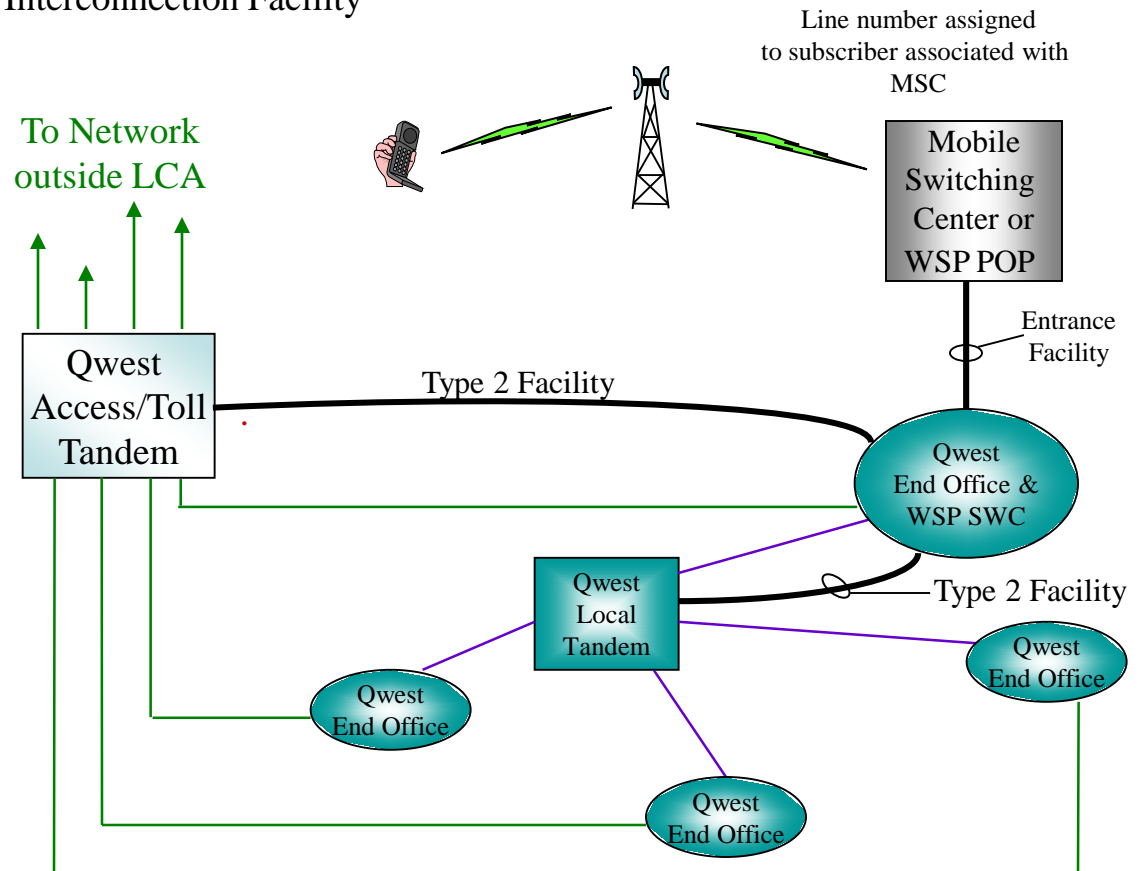
Existing Connections



# Typical Type 2 Interconnection

A Wireless Service Provider (WSP) establishes an entrance into a Qwest End Office which then becomes its Serving Wire Center (SWC). From that SWC, a Type 2 Interconnection Facility is extended to the Local Tandem which allows access to all customers being served by all End Offices subtending the Local Tandem within the Local Calling Area via Qwest's IOF trunking (aka common trunks, or behind the tandem trunks). In addition, a Type 2 Interconnection Facility

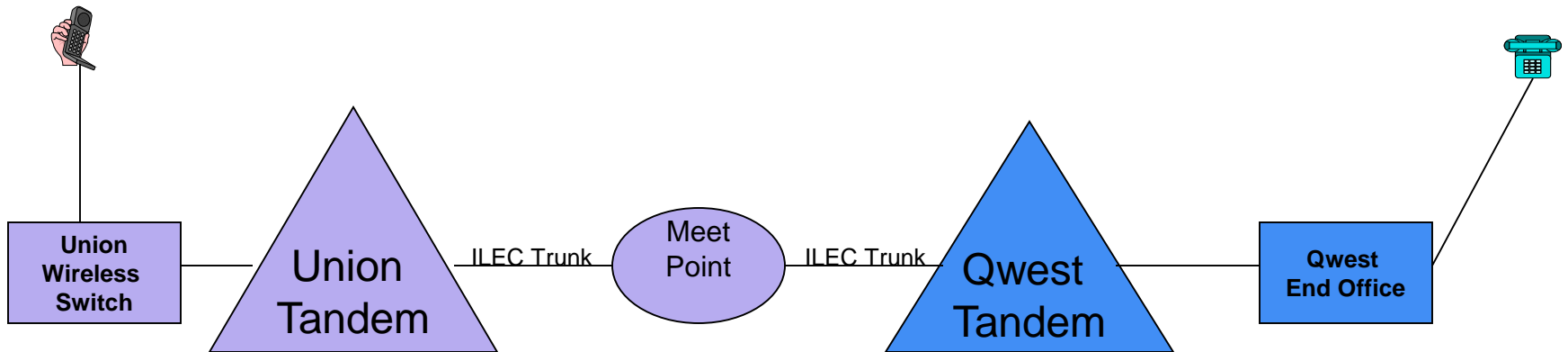
is extended to the Access/Toll Tandem which allows for completion of toll calls (1+ calls) over the toll trunking network. With Type 2 Interconnection, the WSP obtains an NXX, or a portion of an NXX as needed, that is assigned to the MSC, and that is independent of Qwest's Network. An MSC functions as a Class 5 End office on the Public Switched Telephone Network (PSTN) and is listed in the LERG.



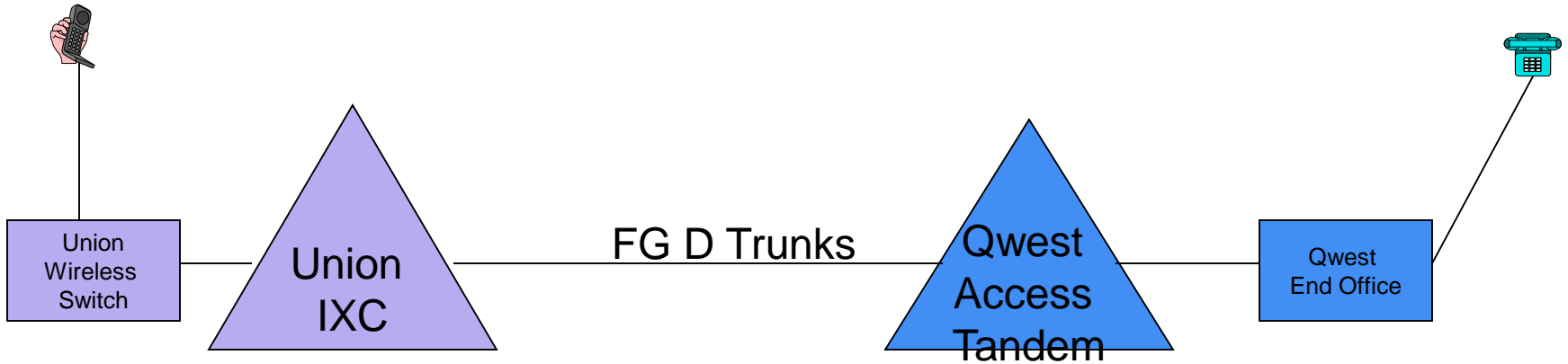
Legend	
	Local IOF Trunks
	Toll Trunks
	Call Path
	Interconnection Facility

Qwest  
 Local  
 Calling  
 Area 1

# QWEST to UNION CELLULAR TRAFFIC FLOW ON AN INTERIM AGREEMENT BASIS



# UNION CELLULAR TO QWEST TRAFFIC FLOW ON AN INTERIM AGREEMENT BASIS







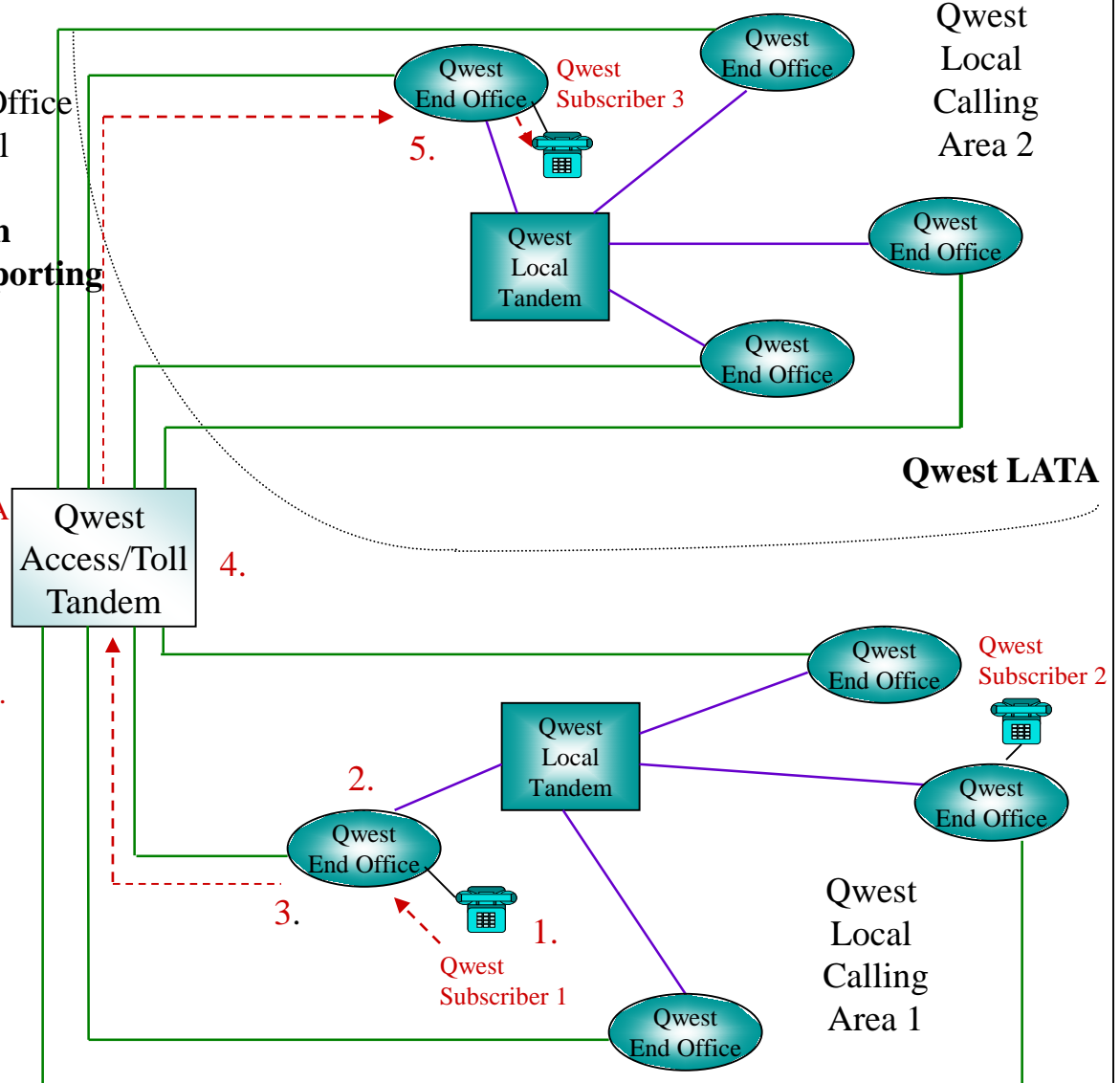
# Qwest Toll Tandem Architecture

Each Qwest LATA has a minimum of one Access/Toll Tandem. Every End Office within a LATA subtends an Access/Toll Tandem and is connected via toll trunks. **In this diagram a LATA with a single Access/Toll Tandem is transporting an Intra-LATA Toll call.**

## Example Call Flow:

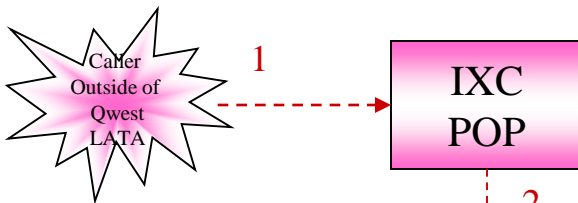
1. Subscriber 1, LCA 1, dials a toll call to Subscriber 3 in LCA 2. It is a 1+ intraLATA call sent without a CIC code.
2. Subscriber 1's End Office recognizes 1+ dial as a toll call
3. Subscriber 1's End Office routes call to Access/Toll Tandem over toll trunks.
4. Access/Toll Tandem routes call to Subscriber 3's End Office in LCA 2 via toll trunking
5. Subscriber 3's End office routes call to Subscriber 3.

Legend	
	Local IOF Trunks
	Toll Trunks
	Call Path
	Interconnection Facility



# Qwest Access Tandem Architecture

Each Qwest LATA has a minimum of one Access Tandem. Every End Office within a LATA subtends an Access Tandem. **In this diagram the Access Tandem is used for the routing of Terminating Switched Access traffic.**



## Example Call Flow:

1. Caller outside Qwest LATA calls Qwest Subscriber 3.
2. Outside Caller's IXC transports call to Access Tandem in Qwest LATA where Subscriber 3 resides.
3. Access Tandem routes call to Subscriber 3's End Office in LCA 2 over toll trunks.
4. Subscriber 3's End office routes call to Subscriber 3.

Legend	
	Local IOF Trunks
	Toll Trunks
	Call Path
	Interconnection Facility

