



COMPLIANCE COMPONENT

DEFINITION																									
<i>Name</i>	US Telephone Number Element Standard																								
<i>Description</i>	A telephone number is the set of digits that identify an address or device used by telephone systems and related hardware around the world. This document is limiting the scope of the definition of telephone number to those digits which are used within the United States.																								
<i>Rationale</i>	A telephone number is an important element of customer and business contact information. Similar to an 'address' (postal, residence etc.), the specification of a telephone number would be of greater value if it can be classified as to type or potential use. These types and uses would be defined by the business requirements of the system being developed.																								
<i>Benefits</i>	<ul style="list-style-type: none"> To achieve a statewide standard for the definition of a telephone number To provide a better understanding of the digits used to define a telephone number To provide better interoperability among systems 																								
ASSOCIATED ARCHITECTURE LEVELS																									
<i>Specify the Domain Name</i>	Information																								
<i>Specify the Discipline Name</i>	Data Management																								
<i>Specify the Technology Area Name</i>	Enterprise Data Standards																								
<i>Specify the Product Component Name</i>																									
COMPLIANCE COMPONENT TYPE																									
<i>Document the Compliance Component Type</i>	Standard																								
<i>Component Sub-type</i>																									
COMPLIANCE DETAIL																									
<i>State the Guideline, Standard or Legislation</i>	<p>State agencies shall use the following data element names for the specific US telephone number being defined. A complete telephone number must include TeleAreaCode, TeleExchCode and TeleLocalNumCode as defined below. As well, the TeleLongDistCode and TeleLocalExtCode may be required to reach the desired party or device.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Data Element</th> <th style="text-align: left;">Data Type</th> <th style="text-align: left;">Width</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>TeleLongDistCode</td> <td>Numeric</td> <td>1</td> <td>Long distance access code</td> </tr> <tr> <td>TeleAreaCode</td> <td>Numeric</td> <td>3</td> <td>Area Code designation</td> </tr> <tr> <td>TeleExchCode</td> <td>Numeric</td> <td>3</td> <td>Phone exchange designation</td> </tr> <tr> <td>TeleLocalNumCode</td> <td>Numeric</td> <td>4</td> <td>Local number designation</td> </tr> <tr> <td>TeleLocalExtCode</td> <td>Numeric</td> <td>6</td> <td>Local Extension number</td> </tr> </tbody> </table> <p>Note: The display of telephone numbers typically takes the following forms:</p> <ul style="list-style-type: none"> 1-555-555-5555 ext 555555 1*555*555*5555 (555) 555-5555 555.555.5555 	Data Element	Data Type	Width	Description	TeleLongDistCode	Numeric	1	Long distance access code	TeleAreaCode	Numeric	3	Area Code designation	TeleExchCode	Numeric	3	Phone exchange designation	TeleLocalNumCode	Numeric	4	Local number designation	TeleLocalExtCode	Numeric	6	Local Extension number
Data Element	Data Type	Width	Description																						
TeleLongDistCode	Numeric	1	Long distance access code																						
TeleAreaCode	Numeric	3	Area Code designation																						
TeleExchCode	Numeric	3	Phone exchange designation																						
TeleLocalNumCode	Numeric	4	Local number designation																						
TeleLocalExtCode	Numeric	6	Local Extension number																						

	<p>In the US, the current length of an Area Code is three (3) numeric digits. Also, the realignment of telephone numbers within area codes and the assignment of new area codes (under guideline of the NANP- North American Numbering Plan) are somewhat frequent. Factors that can result in area code realignment or the issue of new area codes is primarily due to a shift in population density, the rate at which new telephone numbers are being issued, and the number of assigned telephone numbers in an area. Further complicating the issue of new area codes is the total population of the US and the trend for issue of new telephone numbers (especially the issue of cellular telephones). The potential is for an increase in the digit length of US area codes at some future point.</p>		
<i>Document Source Reference #</i>			
Compliance Sources			
<i>Name</i>	Relational Logistics Group	<i>Website</i>	www.globalwebarch.com
<i>Contact Information</i>			
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			
KEYWORDS			
<i>List Keywords</i>	Telephone Number, Area Code, Telephone Exchange, North American Numbering Plan, Cellular, Satellite, Phone, Telephone Extension		
COMPONENT CLASSIFICATION			
<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i>	<input checked="" type="checkbox"/> <i>Current</i>	<input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>
<i>Sunset Date</i>			
COMPONENT SUB-CLASSIFICATION			
Sub-Classification	Date	Additional Sub-Classification Information	
<input type="checkbox"/> <i>Technology Watch</i>			
<input type="checkbox"/> <i>Variance</i>			
<input type="checkbox"/> <i>Conditional Use</i>			
Rationale for Component Classification			
<i>Document the Rationale for Component Classification</i>	The Telephone Number component will standardize the manner in which the telephone number data elements are captured and stored with the database. This allows for fluent and accurate interchange of telephone number information between state agencies		
Migration Strategy			
<i>Document the Migration Strategy</i>	Missouri State Interagency Strategy Agencies shall adhere to this standard when sharing common data elements		
	Inter-governmental Migration Strategy Agencies creating new applications should attempt to adhere to the data elements standards when defining the data definitions		
Impact Position Statement			
<i>Document the Position Statement on Impact</i>			

CURRENT STATUS

Provide the Current Status

In Development

Under Review

Approved

Rejected

AUDIT TRAIL

Creation Date

12-09-2005

Date Approved / Rejected

3/14/06

Reason for Rejection

Last Date Reviewed

Last Date Updated

Reason for Update