TL 9000 Product Categories R4.6 vs. Likely NACE Codes

NOTE: The following list is provided as an aid in selecting NACE codes. It is not an exhaustive list of all possible NACE codes for a given TL 9000 Product Category. The actual NACE code used by the organization should be selected after consultation between the organization and its certification body auditor.

PRODUCT CATEGORY	NACE Code	IAF/EA#
1 SWITCHING		
1.1 Circuit Switch		
1.2 Packet Switch		
1.2.1 Legacy Packet Products		
1.2.2 Access Multi-Service	DL 32.2 Telephony mfg.	19
1.2.3 Media Gateways	and/or	
1.2.7 Application Servers	K 72.2 Software supply	33
1.2.8 Service and Network Controller		
1.2.9 Routers		
1.2.9.1 Core		
1.2.9.2 Edge		
1.2.9.3 Access		
2 SIGNALING AND NETWORK CONTROL		
2.1 Service Control (SCP)		
2.2 Common Channel Signaling (STP)	DL 32.2 Telephony mfg.	19
2.3 Home Location Register (HLR)	and/or	
2.4 Service Logic (SL)	K 72.2 Software supply	33
2.5 Protocol Server	Training capping	
2.6 Network Access Control		
2.7 Network Security		
3 TRANSMISSION		
3.1 Transmission Media and Structure		
3.1.1 Transmission Medium		
3.1.1.1 Metallic Products	DL 31.3 Wire & cable mfg.	19
3.1.1.1 Metallic Conductor Cable	Ĭ Š	
3.1.1.1.2 Metallic Conductors	DL 31.2 Electricity distribution	19
	and control apparatus mfg.	
3.1.1.2 Optical Fiber Products	DL 33.4 Optical instruments and	
3.1.1.2.1 Optical Fiber	photographic equipment mfg.	19
3.1.1.2.2 Optical Connectors		
3.1.1.3 Transmission Components	DI 00 0 Talaska a safe	40
3.1.1.3.1 Active Sub-systems	DL 32.2 Telephony mfg.	19
3.1.1.3.2 Passive Optical Sub-systems	DL 33.4 Optical instruments and	19
,	photographic equipment mfg.	
3.1.1.3.3 Ancillary Sub-systems	DL 32.2 Telephony mfg.	19
3.1.1.3.4 Fixed Antenna Systems		
3.1.1.3.4.1 Radio Antenna Systems		
3.1.1.3.4.2 Satellite Antenna Systems	DL 32.2 Telephony mfg.	19
3.1.1.3.4.3 Optical Antenna Systems		
3.1.2 Physical Structures		
3.1.2.1 Enclosures	DJ 28.1 Structural metal product	17
3.1.2.2 Support Structures	mfg.	''
3.1.2.3 Conduits	9.	
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PRODUCT CATEGORY	NACE Code	IAF/EA#
3.2 Transport Equipment 3.2.1 Cross Connect Systems 3.2.1.1 Manual Cross Connect Systems 3.2.1.2 Digital Cross Connect Systems 3.2.1.3 Optical Cross Connect Systems 3.2.2 Carrier Systems / Multiplex 3.2.2.1 Interoffice / Long Haul 3.2.2.1.1 Metallic Carrier System 3.2.2.1.2 Optical Carrier System 3.2.2.1.2.1 SONET / SDH Transport System 3.2.2.1.2.2 WDM / DWDM / Optical Amplification Products 3.2.2.1.2.3 Reconfigurable Optical Add-Drop Multiplexer (ROADM)	DL 32.2 Telephony mfg. and/or K 72.2 Software supply	19 33
3.2.2.1.3 Microwave 3.2.2.2 Loop Carrier 3.2.3 Line Terminating Equipment / Distributing Frames 3.2.4 Digital Subscriber Line (DSL) 3.2.4.1 Legacy 3.2.4.2 Symmetric 3.2.5 Fiber to the User 3.2.6 Video Transmission 3.2.6.1 Cable Modem Termination Equipment 3.2.6.2 Analog Video Transmission Equipment 3.2.6.3 Digital Video Transmission Equipment 3.2.6.4 Ad Servers 3.3 Wireless Transmission 3.3.1 Base Station Equipment 3.3.2 Base Transceiver System (BTS) 3.3.2.1 Basic 3.3.2.2 Advanced 3.3.3 Pilot Beacon Unit (PBU) 3.3.4 WLAN Base Station Equipment 3.4 Ancillary Products 3.4.1 Location Services 3.4.2 Lawful Intercept		
4 OPERATIONS & MAINTENANCE		
4.1 Test Systems 4.1.1 Test Access Equipment 4.1.2 Test Equipment Embedded	DL 33.2 Mfg. Of Instruments and appliances for measuring, checking, testing, etc.	19
4.1.3 Test Support Software	K 72.2 Software supply	33
4.2 Operational Support Systems 4.2.1 On Line Critical 4.2.2 On Line Non-Critical	DL 32.2 Telephony mfg. and/or	19
4.2.3 Off Line 4.3 Ancillary Operations and Maintenance 5 COMMON SYSTEMS	K 72.2 Software supply	33
5.1 Synchronization	DL 32.2 Mfg. Of television and radio receivers, sound or video recording or reproducing apparatus and/or	19
	K 72.2 Software supply	33
5.2 General Purpose Computers	DL 31.0 Mfg. Of computers	19
5.3 Power Systems	DL 31.2 Mfg. Of electricity distribution and control	10
	apparatus	19

PRODUCT CATEGORY	NACE Code	IAF/EA#
	and/or	
	DL 31.4 Mfg. Of accumulators,	
	primary cells and primary	
	batteries	

5.4 Data Storage Systems	DL 30.0 Mfg. Of computers	19
on bala clorage systems	and/or	. •
	K 72.2 Software supply	33
6 CUSTOMER PREMISES		
6.1 Enhanced Services	DL 30.0 Mfg. Of computers and/or	19
	K 72.2 Software supply	33
6.2 Terminal Equipment		
6.2.1 Voice Terminals		
6.2.1.1 Wireless Telephone Sets	DL 32.3 Mfg. Of television and	19
6.2.1.2 Wireless Subscriber User Terminals	radio receivers, sound or video	
6.2.1.2.1 Simple	recording or reproducing	
6.2.1.2.2 Complex	apparatus	
3.2.1.2.3 Radios		
3.2.1.2.4 Wireless Terminal Software Applications	K 72.2 Software supply	33
6.2.2 Fax Equipment		
6.2.3 Data Modems		
6.2.3.1 Wired Modems	DL 32.3 Mfg. Of television and	19
6.2.3.2 Wireless Modems	radio receivers, sound or video	
6.2.4 Digital Data Service Units	recording or reproducing	
6.2.5 Passive Optical Network Termination Units	apparatus	
6.2.6 Set Top Box		
6.2.7 CPE Router		
6.2.8 Home Base Station	DI 00 0 Mfr Of sever term	40
6.3 Automatic Call Distribution (ACD) Systems	DL 30.0 Mfg. Of computers	19
	and/or	22
C.4 Drivete Branch Evelopees (DDV)	K 72.2 Software supply	33 19
6.4 Private Branch Exchanges (PBX)	DL 32.2 Telephony mfg. and/or	19
	K 72.2 Software supply	33
6.5 Small Communications Systems (Key Telephone Systems)	DL 32.2 Telephony mfg.	 19
0.5 Small Communications Systems (Key Telephone Systems)	DL 32.3 Mfg. Of television and	19
	radio receivers, sound or video	
	recording or reproducing	
	apparatus	
6.6 Internet Security Devices	DL 32.2 Telephony mfg.	19
o.o intornot occurry bevious	and/or	10
	K 72.2 Software supply	33
7 SERVICE PRODUCTS	l l l l l l l l l l l l l l l l l l l	
7.1 Network Installation and Provisioning	F 45.2 Building of complete	
7.1.1 Installation	construction or parts thereof;	28
	civil engineering or the NACE	
	code of the product being	
	installed	
7.1.2 Provisioning	I 64.2 Telecommunications	31
7.1.3 Construction Services	F 45.2 Building of complete	28
	construction or parts thereof;	
	civil engineering	
7.2 Engineering Services	K 74.2 Architectural and	
7.2.1 Network Engineering Services	engineering activities and related	34
7.2.1.1 Fixed Network	technical consultancy	
7.2.1.2 Mobile Network		
7.2.2 Software Development Services		
7.2.3 Hardware Development Services	K 74.8 Other business activities	35

7.2.4 Telecom Network Integration	I 64.2 Telecommunications DL 32.2 Telephony mfg.	31
7.2.5 Metrology and Calibration	K 74.3 Technical testing and	35
7.2.6 Telecom Test Laboratory	analysis	
7.3 Maintenance Services	K 74.8 Other business activities	35
7.3.1 Network Field Maintenance		
7.3.2 Network Operations Center		
7.3.3 Network Performance Services		
7.4 Repair Services	Same NACE Code as	
	manufacturer of hardware or systems being repaired	19
7.5 Customer Support Center		
7.6 Purchasing Services		
7.6.1 Procurement Services	K 74.8 Other business activities	35
7.6.2 Sourcing/Purchasing Services		
7.7 Manufacturing Services	DL 32.3 Mfg. Of television and	19
7.7.1 Small Assemblies	radio receivers, sound or video	
7.7.2 Printed Circuit Board Assembly	recording or reproducing	
7.7.3 Cable Assembly	apparatus	
7.7.4 Electromechanical Assembly		
7.7.5 Logistical Services		
7.7.5.1 Logistical Services, Third Party		
7.7.5.2 Logistical Services, Internal	K 74.8 Other business activities	35
7.7.5.3 Reverse Logistics		
7.8 Business Services		
7.8.1 Financial Services		
7.8.2 Contract/Temporary Staffing	IX 74 0 Other business settivities	25
7.8.3 Training	K 74.8 Other business activities	35
7.8.4 Fleet Logistics		
7.8.5 Facility Management		
7.9 General Support Services		
7.10 e-Business Consulting		
7.11 Customer Assistance		
8 Components and Subassemblies		
8.1 Components	DI 00 4 M	4.0
8.1.1 Discrete Semiconductors	DL 32.1 Mfg. of electronic valves	19
8.1.2 Integrated Circuits	and tubes and other electronic	
8.1.3 Passive Components	components	
8.1.4 Electromechanical		
8.2 Electronic Assemblies	DI 20 0 Talamban 196	40
8.2.1 Simple	DL 32.2 Telephony mfg.	19
8.2.2 Medium Complexity	DL 32.3 Mfg. Of television and	
8.2.3 High Complexity	radio receivers, sound or video	
8.2.4 Very High Complexity	recording or reproducing	
8.3 Cable Assemblies	apparatus	
8.4 Electromechanical Assemblies		
8.5 Optical Fiber and Devices	DI 00 4 0 11 11 1	40
8.5.1 Optical Fiber	DL 33.4 Optical instruments and	19
8.5.2 Optical Devices	photographic equipment mfg.	
8.5.2.1 Opto-electronic Devices		
8.5.2.2 Passive Optical Devices		
8.5.2.3 Optical Subassemblies		
8.6 Software Components and Tools	14.70.0.0.5	
8.6.1 Software Components	K 72.2 Software supply	33
8.6.2 Software Development Tools		
9 End-Customer Services 9.1 Voice		
9.1 Voice 9.2 Wireless	I 64.2 Telecommunications	31
	1 04.2 Telecommunications	J I
9.3 Transport Networks		

9.4 Private Networks	
9.5 Internet Access	
9.6 e-Business & Content Hosting	
9.7 Bulk Transport	
9.7.1 Infrastructure	
9.7.2 Wholesale	
9.8 Video Broadcast	ļ

Accredited certification bodies require approval from their accreditation body for the scope category (NACE Code) associated with the product category of the supplier being assessed for TL 9000 conformance; these are summarized as follows:

NACE Code	TL 9000 Registration
	Specialty Options
DJ 28.1	TL 9000-H
DL 30.0	TL 9000-H
DL 31.2	TL 9000-H
DL 31.3	TL 9000-H
DL 31.4	TL 9000-H
DL 32.2	TL 9000-H
	TL 9000-S
DL 32.3	TL 9000-H
	TL 9000-S
DL 33.2	TL 9000-H
	TL 9000-S
DL 33.4	TL 9000-H
F 45.2	TL 9000-V
1 64.2	TL 9000-V
K 72.2	TL 9000-S
K 74.2	TL 9000-V
K 74.8	TL 9000-V

Note: Does not include consideration of component level product categories.

Note: For any Hardware registration option above, if repair is also offered then the TL 9000-V option could also apply.

Note: Product Categories listed in Red will be used for possible Data Aggregation only. Measurements must be submitted in the lowest Product Category listing.