TL 9000 Product Categories R4.2 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.

1.1 Circuit Switch 1.2 Packet Switch 1.2 Packet Switch 1.2 Legacy Packet Products 1.2 and/or 1.2	PRODUCT CATEGORY	NACE Code	IAF/EA#
1.2 Packet Switch 1.2.1 Legacy Packet Products 1.2.2 Access Multi-Service 1.2.3 Media Gateways 1.2.7 Application Servers 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) 2.3 Home Location Register (HLR) 2.4 Service Logic (SL) 2.5 Protocol Server 2.6 Network Access Control 2.7 Network Security 3.1 Transmission Media and Structure 3.1.1 Transmission Media and Structure 3.1.1.1 Metallic Conductor Cable 3.1.1.1.1 Metallic Conductors 3.1.1.1 Metallic Conductors 3.1.1.2 Optical Fiber Products 3.1.1.3 Transmission Components 3.1.1.3 Tr	1 SWITCHING		
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3.1.1.2.2 Optical Connectors 3.1.1.3 Transmission Components 3.1.1.3.1 Active Sub-systems 3.1.1.3.2 Passive Optical Sub-systems DL 32.2 Telephony mfg. DL 33.4 Optical instruments and photographic equipment mfg. DL 32.2 Telephony mfg. 19 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 3.1.1.3.4.3 Optical Antenna Systems 3.1.2 Physical Structures 3.1.2 Physical Structures 3.1.2 Enclosures DJ 28.1 Structural metal product			19
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3.1.1.3.2 Passive Optical Sub-systems 3.1.1.3.2 Passive Optical Sub-systems 3.1.1.3.3 Ancillary Sub-systems 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 3.1.1.3.4.3 Optical Antenna Systems 3.1.2 Physical Structures 3.1.2.1 Enclosures DL 33.4 Optical instruments and photographic equipment mfg. DL 32.2 Telephony mfg. 19 DL 32.2 Telephony mfg. DL 32.2 Telephony mfg. 19 DJ 28.1 Structural metal product		DL 32.2 Telephony mfg.	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 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		DL 33.4 Optical instruments and	19
3.1.1.3.3 Ancillary Sub-systems 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 3.1.1.3.4.3 Optical Antenna Systems 3.1.2 Physical Structures 3.1.2.1 Enclosures DL 32.2 Telephony mfg. 19 DL 32.2 Telephony mfg. 19 DJ 28.1 Structural metal product 17	,		
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3.1.1.3.4.1 Radio Antenna Systems 3.1.1.3.4.2 Satellite Antenna Systems 3.1.1.3.4.3 Optical Antenna Systems 3.1.2 Physical Structures 3.1.2.1 Enclosures DL 32.2 Telephony mfg. 19 DJ 28.1 Structural metal product 17			-
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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		DL 32.2 Telephony mfg.	19
3.1.2 Physical Structures 3.1.2.1 Enclosures DJ 28.1 Structural metal product 17			
3.1.2.1 Enclosures DJ 28.1 Structural metal product 17			
		DJ 28.1 Structural metal product	17
	3.1.2.2 Support Structures	mfg.	
3.1.2.3 Conduits	· ·		

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	DL 32.2 Telephony mfg.	19
3.2.2.1.2 Optical Carrier System	and/or	19
3.2.2.1.2.1 SONET / SDH Transport System	K 72.2 Software supply	33
3.2.2.1.2.2 WDM / DWDM / Optical Amplification Products	it i 2.2 Solution Supply	
3.2.2.1.2.3 Reconfigurable Optical Add-Drop Multiplexer		
(ROADM)		
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		
3.2.4.3 Asymmetric 3.2.5 Fiber to the User		
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		
3.3 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		
3.3.5 Wireless Location Services		
4 OPERATIONS & MAINTENANCE		
4.1 Test Systems		
4.1.1 Test Access Equipment	DL 33.2 Mfg. Of Instruments	19
4.1.2 Test Equipment Embedded	and appliances for measuring,	
4.4.2 Took Cuppert Cofficien	checking, testing, etc.	22
4.1.3 Test Support Software	K 72.2 Software supply	33
4.2 Operational Support Systems 4.2.1 On Line Critical	DI 22.2 Tolophony mfg	19
4.2.2 On Line Non-Critical	DL 32.2 Telephony mfg. and/or	19
4.2.3 Off Line	K 72.2 Software supply	33
4.3 Ancillary Operations and Maintenance	1 72.2 Contware Supply	
5 COMMON SYSTEMS		
5.1 Synchronization	DL 32.2 Mfg. Of television and	19
	radio receivers, sound or video	
	recording or reproducing	
	apparatus	
	and/or	
	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	
	apparatus	19
	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
3.4 Data Storage Systems	and/or	19
	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	
6.2.2 Fax Equipment 6.2.3 Data Modems		
6.2.3.1 Wired Modems		
6.2.3.2 Wireless Modems		
6.2.4 Digital Data Service Units		
6.2.5 Passive Optical Network Termination Units		
6.2.6 Multi-play Equipment		
6.2.7 CPE Router		
6.2.8 Home Base Station		
6.3 Automatic Call Distribution (ACD) Systems	DL 30.0 Mfg. Of computers and/or	19
	K 72.2 Software supply	33
6.4 Private Branch Exchanges (PBX)	DL 32.2 Telephony mfg.	19
3.5 ()	and/or	
	K 72.2 Software supply	33
6.5 Small Communications Systems (Key Telephone Systems)	DL 32.2 Telephony mfg.	19
	DL 32.3 Mfg. Of television and	
	radio receivers, sound or video	
	recording or reproducing	
6.6 Internet Security Devices	apparatus DL 32.2 Telephony mfg.	19
0.0 internet Security Devices	and/or	19
	K 72.2 Software supply	33
7 SERVICE PRODUCTS	17.72.2 Continue Cuppily	
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
7.2 Engineering Services	K 74.2 Architectural and	0.4
7.2.1 Network Engineering Services	engineering activities and related	34
	technical consultancy	
7.2.2 Software Development Services	+	
7.2.3 Hardware Development Services	K 74.8 Other business activities	35
7.2.5 Hardware Development Services	17 7-10 Other business activities	33
7.2.4 Telecom Network Integration	I 64.2 Telecommunications	31
	DL 32.2 Telephony mfg.	- '
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	Como NACE Codo os	
7.4 Repair Services	Same NACE Code as	10
	manufacturer of hardware or	19

	systems being repaired	
7.5 Customer Support Center	o) crowned and group amount	
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
7.8 Business Services		
7.8.1 Financial Services		
7.8.2 Contract/Temporary Staffing		
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		
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		
0.0 Flactronia Accomplian		
8.2 Electronic Assemblies	DL 22.2 Tolonhony mfg	19
8.2.1 Simple 8.2.2 Medium Complexity	DL 32.2 Telephony mfg. DL 32.3 Mfg. Of television and	19
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	аррагациз	
8.5 Optical Fiber and Devices		
8.5.1 Optical Fiber	DL 33.4 Optical instruments and	19
8.5.2 Optical Devices	photographic equipment mfg.	.0
8.5.2.1 Opto-electronic Devices	priotograpino oquipinoni inig.	
8.5.2.2 Passive Optical Devices		
8.5.2.3 Optical Subassemblies		
8.6 Software Components and Tools		
8.6.1 Software Components	K 72.2 Software supply	33
8.6.2 Software Development Tools		
9 End-Customer Services		
9.1 Voice		
9.2 Wireless	I 64.2 Telecommunications	31
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		

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
I 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.