N720 XML provisioning parameters

Software version 109

Parameter Name	Possible Values	WebUI availability	Description
Network and connections - IP Configuration			
BS_IP_Data.ucB_USE_DHCP	0 => use static-IP; 1 => DHCP-client enabled;	Yes	**WebUI: Network and Connections-IP Configuration-Address Assignment for DECT Manager-IP address type** Enable/disable to obtain address from a DHCP server.
BS_IP_Data.ulI_IP	IPv4 address in hexadecimal format. Example: 192.168.2.2-> 0xC0A80202 192(C0)168(A8)2(02)2(02)	Yes	**WebUI: Network and Connections-IP Configuration-Address Assignment for DECT Manager-IP address** Static IP address
BS_IP_Data.ulI_SUBNET_MASK	IPv4 address in hexadecimal format. Example: 255.255.255.0-> 0xFFFFFF00 255(FF)255(FF)255(FF)0(00)	Yes	**WebUI: Network and Connections-IP Configuration-Address Assignment for DECT Manager-Subnet mask** Subnet mask
BS_IP_Data.ulI_DEFAULT_ROUTER	IPv4 address in hexadecimal format. Example: 192.168.2.1-> 0xC0A80201 192(C0)168(A8)2(02)1(01)	Yes	**WebUI: Network and Connections-IP Configuration-Address Assignment for DECT Manager-Standard gateway** Default Gateway
BS_IP_Data.ulI_DNS_SERVER_1	IPv4 address in hexadecimal format. Example: 192.168.2.253-> 0xC0A802FD 192(C0)168(A8)2(02)253(FD)	Yes	**WebUI: Network and Connections-IP Configuration-Address Assignment for DECT Manager-Preferred DNS server** Preferred DNS server
BS_IP_Data.ulI_DNS_SERVER_2	IPv4 address in hexadecimal format. Example: 192.168.2.1-> 0xC0A802FE 192(C0)168(A8)2(02)254(FE)	Yes	**WebUI: Network and Connections-IP Configuration-Address Assignment for DECT Manager-Alternate DNS server** Alternate DNS server
BS_IP_Data.aucS_NETWORK_DEVICENAME	Max. 20 characters; If this field is empty, the product name will be copied into this;	Yes	**WebUI: Network and Connections-IP Configuration-Address Assignment for DECT Manager-Device name in network** Device Name in the Network
BS_IP_Data.ucB_HTTP_PROXY_ENABLED	0 => No; 1 => Yes;	Yes	**WebUI: Network and Connections-IP Configuration-HTTP Proxy-Enable proxy server** HTTP request to foreign subnets use a proxy;
BS_IP_Data.aucS_HTTP_PROXY_URL	Max 74 characters;	Yes	**WebUI: Network and Connections-IP Configuration-HTTP Proxy-Proxy server address** HTTP proxy server address;
BS_IP_Data.uiI_HTTP_PROXY_PORT	number between 1 and 55000	Yes	**WebUI: Network and Connections-IP Configuration-HTTP Proxy-Proxy server port** HTTP proxy server port;
BS_IP_Data.ucB_VLAN_ENABLED	0 => No; 1 => Yes;	Yes	**WebUI: Network and Connections-IP Configuration-HTTP Proxy-VLAN Tagging-Use VLAN tagging** VLAN Tagging enabled;
BS_IP_Data.uiI_VLAN_ID	Numbers ranging from 0 to 4094 (12-bit values) are permitted	Yes	**WebUI: Network and Connections-IP Configuration-HTTP Proxy-VLAN Tagging-VLAN identifier** VLAN Identifier
BS_IP_Data.ucI_VLAN_PRIORITY	Numbers ranging from 0 to 7 (3-bit values) are permitted	Yes	**WebUI: Network and Connections-IP Configuration-HTTP Proxy-VLAN Tagging-VLAN priority** VLAN Priority

Network and connections - Security			
BS_IP_Data. ucB_AUTO_ACCEPT_CERTIFICATES	0 => No; 1 => Yes;		**WebUI: Network and Connections-Security-Server Authentication-Accept certificates** If it's set to 1 then SSL certificates are automatically accepted
BS_IP_Data. aucS_HTTP_DIGEST_USERNAME[%]	Max. 50 characters	Yes	**WebUI: Network and Connections-Security-Server Authentication-HTTP digest username** Usage of non symbolic: <S_PROV_USERNAME class="string" value="broadsoft-username"/> Available only when: I_PHONE_SYSTEM=5; symbolic NVM where custom parameter will be stored: BS_IP_Data. aucS_HTTP_DIGEST_USERNAME
BS_IP_Data. aucS_HTTP_DIGEST_PASSWORD[%]	Max. 50 characters	Yes	**WebUI: Network and Connections-Security-Server Authentication-HTTP digest password** Usage of non symbolic: <S_PROV_PASSWORD class="string" value="broadsoft-password"/> Available only when: I_PHONE_SYSTEM=5; symbolic NVM where custom parameter will be stored: BS_IP_Data. aucS_HTTP_DIGEST_PASSWORD
BS_IP_Data. ucB_ACCEPT_FOREIGN_SUBNET	0 => No; 1 => Yes;	Yes	**WebUI: Network and Connections-Security-Remote Management-Allow access from other networks** Allow access to webinterface from other networks;
BS_IP_Data. ucB_ENABLE_WEB_INTERFACE	0 => No; 1 => Yes; (default)	No	Enable (default) or disable web-interface of N720. A restart of the device is needed to use this setting.
VoIP Providers (index range: 0-9, % - all)			
BS_VOIP_Data.astVoipProviders[%].aucSIP_PROVIDER_NAME	Max. 14 characters;	Yes	Provider name;
BS_VOIP_Data.astVoipProviders[%].aucSIP_DOMAIN	Max. 74 characters;	Yes	Domain;
BS_VOIP_Data.astVoipProviders[%].aucSIP_SERVER	Max. 74 characters;	Yes	Proxy server address;
BS_VOIP_Data.astVoipProviders[%].uiSIP_SERVER_PORT	1-65535	Yes	Proxy server port;
BS_VOIP_Data.astVoipProviders[%].aucSIP_REGISTRAR	Max. 74 characters;	Yes	Registration server;
BS_VOIP_Data.astVoipProviders[%].uiSIP_REGISTRAR_PORT	1-65535	Yes	Registration server port;
BS_VOIP_Data.astVoipProviders[%].uiRE_REGISTRATION_TIMER	Time in seconds;	Yes	Registration refresh time;
BS_VOIP_Data.astVoipProviders[%].ucSIP_USE_STUN	0 => No; 1 => Yes;	Yes	STUN enabled;
BS_VOIP_Data.astVoipProviders[%].aucSTUN_SERVER	Max. 74 characters;	Yes	STUN server address;
BS_VOIP_Data.astVoipProviders[%].uiSTUN_SERVER_PORT	1-65535	Yes	STUN server port;
BS_VOIP_Data.astVoipProviders[%].uiRE_STUN_TIMER	Time in seconds;	Yes	STUN refresh time;
BS_VOIP_Data.astVoipProviders[%].uiNAT_REFRESH_TIME	Time in seconds;	Yes	NAT refresh time;

BS_VOIP_Data.astVoipProviders [%]. ucOUTBOUND_PROXY_MODE	0 => Always; 1 => Automatic; 2 => Never	Yes	Outbound proxy mode;
BS_VOIP_Data.astVoipProviders [%].aucOUTBOUND_PROXY	Max. 74 characters;	Yes	Outbound proxy server address;
BS_VOIP_Data.astVoipProviders [%].uiOUTBOUND_PROXY_PORT	1-65535	Yes	Outbound proxy port;
BS_VOIP_Data.astVoipProviders [%].aucI_SIP_TOUT_ICT_B_VAL	Time in milliseconds;	No	Invite-Client-TA-Timeout (default 32000ms);
BS_VOIP_Data.astVoipProviders [%].aucI_SIP_TOUT_NICT_F_VAL	Time in milliseconds;	No	Non-Invite-Client-TA-Timeout (default 32000ms);
BS_VOIP_Data.astVoipProviders [%].CLIR_PRIVACY_LEVEL	0x00 => PRIVACY_NONE; 0x01 => PRIVACY_USER; 0x02 => PRIVACY_NET_HEADER; 0x04 => PRIVACY_NET_SESSION; 0x08 => PRIVACY_NET_USER; 0x10 => PRIVACY_NET_NONE; 0x20 => PRIVACY_NET_CRITICAL; 0x40 => PRIVACY_NET_ID; 0x41 => PRIVACY_USER + PRIVACY_NET_ID;	No	Kind of CLIR level;
BS_VOIP_Data.astVoipProviders [%]. ucDEREGISTER_ALL_BEFORE_ REGISTER		No	De-register all before register;
BS_VOIP_Data.astVoipProviders [%]. ucSIP_PREFERRED_TRANSPOR T_LAYER	integer: 0=automatic; 6=TCP only; 17=UDP only	Yes	What transport layer will be used for SIP;
BS_VOIP_Data.astVoipProviders [%].aucSH_AUTH_NAME_LABEL [%]	Max. 35 characters;	No	Label in UI for authentication name field;
BS_VOIP_Data.astVoipProviders [%].aucSH_AUTH_PASS_LABEL [%]	Max. 35 characters;	No	Label in UI for authentication password field;
BS_VOIP_Data.astVoipProviders [%].aucSH_USER_NAME_LABEL [%]	Max. 35 characters;	No	Label in UI for authentication name field;
BS_VOIP_Data.astVoipProviders [%].ucHOLD_WITHOUT_RTP_1	0 => No; 1 => Yes;	No	Hold should be done without RTP stream;
BS_VOIP_Data.astVoipProviders [%].SEND_ONLY_WITHOUT_RTP		No	Hold request without RTP will be done with attribute "sendonly" (or "inactive");
BS_VOIP_Data.astVoipProviders [%].PTIME	Value in 10 ms steps; Default: 2 => 20 ms;	No	PTIME for RTP connection;
BS_VOIP_Data.astVoipProviders [%]. ucONESHOT_PROVISIONING_M ODE_1	0 => normal; 1 => special one shot with 24h check;	No	One shot provisioning mode;
BS_VOIP_Data.astVoipProviders [%].NetCodeCCBS_ON[%]	Max. 16 characters;	No	Net service code for ringback on busy ON;
BS_VOIP_Data.astVoipProviders [%].NetCodeCCBS_OFF[%]	Max. 16 characters;	No	Net service code for ringback on busy OFF;

BS_VOIP_Data.astVoipProviders [%].NetCodeDND_ON[%]	Max. 16 characters;	No	Net service code for Do Not Disturb ON;
BS_VOIP_Data.astVoipProviders [%].NetCodeDND_OFF[%]	Max. 16 characters;	No	Net service code for Do Not Disturb OFF;
BS_VOIP_Data.astVoipProviders [%].NetCodeCFU_ON[%]	Max. 16 characters;	No	Net service code for Call Forwarding Unconditional (Automatic) ON;
BS_VOIP_Data.astVoipProviders [%].NetCodeCFU_OFF[%]	Max. 16 characters;	No	Net service code for Call Forwarding Unconditional (Automatic) OFF;
BS_VOIP_Data.astVoipProviders [%].NetCodeCFB_ON[%]	Max. 16 characters;	No	Net service code for Call Forwarding on Busy ON;
BS_VOIP_Data.astVoipProviders [%].NetCodeCFB_OFF[%]	Max. 16 characters;	No	Net service code for Call Forwarding on Busy OFF;
BS_VOIP_Data.astVoipProviders [%].NetCodeCFNR_ON[%]	Max. 16 characters;	No	Net service code for Call Forwarding on No Reply ON;
BS_VOIP_Data.astVoipProviders [%].NetCodeCFNR_OFF[%]	Max. 16 characters;	No	Net service code for Call Forwarding on No Reply OFF;
Mobile devices (index range: 0-99, % - all)			
BS_VOIP_Data.astVoipAccounts [%]. ucB_SIP_ACCOUNT_IS_ACTIVE_1	0 => Account inactive (and not visible); 1 => Account activ;	No	Activate SIP account;
BS_VOIP_Data.astVoipAccounts [%].aucS_SIP_LOGIN_ID	Max. 74 characters;	Yes	Authentication name;
BS_VOIP_Data.astVoipAccounts [%].aucS_SIP_PASSWORD	Max. 32 characters;	Yes	Authentication password;
BS_VOIP_Data.astVoipAccounts [%].aucS_SIP_USER_ID	Max. 32 characters;	Yes	Username;
BS_VOIP_Data.astVoipAccounts [%].aucS_SIP_DISPLAYNAME	Max. 32 characters;	Yes	Display name;
BS_VOIP_Data.astVoipAccounts [%].ucVoipProviderIndex	Possible values from 0 to 9 (number of providers - 1);	Yes	Index of the provider, used for this account;
BS_XML_Netdirs. aucNetdirSelForDirectAccess[%]	Depending on the UI as index the account or device index is used; For the directory-ID values see "directory-ids";0 means no directory selected; [%] = group of handsets [0] = Handset 0 - 39 (1-40) [40] = Handset 40 - 79 (41-80) [80] = Handset 80 - 99 (81-100)	Yes	Select directory for direct access; Example: "Local Directory" value = 0x1 "Online Directories" (list) value = 0x3 "LDAP" value = 0xa List with Directory values can be found here List with Broadsoft Directory values can be found here Example: 1st HS "online Directories list", 2nd "LDAP" and 3rd HS "local Directory" BS_XML_Netdirs.aucNetdirSelForDirectAccess[0]=0x3,0xa,0x1
BS_XML_Netdirs. aucNetdirSelForIntKey[%]	Depending on the UI as index the account or device index is used; For the directory-ID values see "directory-ids";0 means no directory selected; [%] = group of handsets [0] = Handset 0 - 39 (1-40) [40] = Handset 40 - 79 (41-80) [80] = Handset 80 - 99 (81-100)	Yes	Selected directory for INT key; Example: XSI "Group" value = 0x7 "XML (whitepages)" value = 0x14 List with Directory values can be found here List with Broadsoft Directory values can be found here Example: 1st HS XSI "Group", 2nd "XML" and 3rd HS XSI "Group" BS_XML_Netdirs.aucNetdirSelForIntKey[0]=0x7,0x14,0x7

BS_XML_Netdirs. aucNetdirSelForAutoLookup[%]	Depending on the UI as index the account or device index is used; For the directory-ID values see "directory-ids";0 means no directory selected;	Yes	Selected directory for auto lookup;
BS_VOIP_Data.astVoipAccounts[%]. aucS_VOIP_NET_AM_NUMBER_1	Max. 32 characters;	Yes	Network mailbox number or SIP name (URI);
BS_VOIP_Data.astVoipAccounts[%]. ucB_VOIP_NET_AM_ENABLED_1	0 => No; 1 => Yes;	Yes	Activate network mailbox;
BS_VOIP_Data.astVoipAccounts[%]. aucI_SIP_PREFERRED_VOCODER	Array with 5 values of: 0x00 => PCMU G.711 µ law, 0x01 => PCMA G.711 a law, 0x02 = G726, 0x03 => G729, 0x04 => G726 AAL2 , 0x05=> G722, 0xff => no codec; The order of the values is important for the preference;	Yes	Preferred codecs for SIP;
BS_VOIP_Data.astVoipAccounts[%]. ucB_CALL_MANAGER_SUPPORT	0 => Disabled; 1 => Enabled and handset is switched to hands free mode; 2 => Enabled and handset is switched to handset mode;	Yes	Call manager support;
BS_VOIP_Data.astVoipAccounts[%]. ucB_CALL_MANAGER_SERVER_AUTH	0 => No; 1 => Yes;	No	The SIP server shall be challenged for authentication;
BS_Email.astEmailAccounts[%]. aucEmailUsername	Max. 74 characters;	Yes	User (authentication) name;
BS_Email.astEmailAccounts[%]. aucEmailPassword	Max. 32 characters;	Yes	Authentication password;
BS_Email.astEmailAccounts[%]. aucEmailServer	Max. 74 characters;	Yes	POP3 server URL;
BS_Email.astEmailAccounts[%]. uiPOP3Port	1-65535;110=default	Yes	POP3 Server port;
BS_Email.astEmailAccounts[%]. bCheckForNewEmails	0 => No; 1 => Yes;	Yes	Check for new eMail;
BS_Email.astEmailAccounts[%]. ucEmailConnectionType	0 => No; 1 => Yes;	Yes	Secure connection (SSL);
BS_VOIP_Data.astVoipAccounts[%]. ucB_VOIP_CALLFORWARDING_STATUS	0 => Off; 1 => On;	No	Device controlled call forwarding status;
BS_VOIP_Data.astVoipAccounts[%]. ucI_VOIP_CALLFORWARDING_WHEN	0 => All calls;1 => When Busy;2 => No Answer;	No	Device controlled call forwarding mode;

BS_VOIP_Data.astVoipAccounts [%]. aucS_VOIP_CALLFORWARDING_ NUMBER	Max. 20 characters;	No	Device controlled call forwarding status;
BS_VOIP_Data.astVoipAccounts [%].CALLWAITING_STATUS	0 => Off; 1 => On;	No	Call waiting status;
BS_VOIP_Data. NameOnIdleDisplay	0 => User name from account data;1 => Diaplay name from account data;	Yes	Displayed name on idle display;
BS_Email.uiEmailPollingTime	Time intervall in minutes;0 => no polling at all; Configurable via WebUI: Never = 0x0 15 min. = 0xf 30 min. = 0x1e 3 hours, 180 min. = 0xb4 6 hours, 360 min. = 0x160 1 Day, 1440 min. = 0x5a0	Yes	Email polling time intervall; Other values then from WebUI only via provisioning.
BS_CUSTOM.bit. UseRandomRegistrationPIN	0 => No; 1 => Yes;	Yes	
BS_CUSTOM.aucKdsPin[%]		Yes	Define the used defined PIN for handset registration.
Telephony - Dialing Plans (index range: 0-29, % - all)			
BS_CUSTOM_Dialing. stDialingPlan.PlanRules[%]. aucNumber	Nibble coded; F = end;Max. 16 digits (nibbles); Empty number means this rule is not defined;	Yes	Call number;
BS_CUSTOM_Dialing. stDialingPlan.PlanRules[%]. aucComment	Max. 20 characters;	Yes	Comment;
BS_CUSTOM_Dialing. stDialingPlan.PlanRules[%].bit. bIsActive	0 => No; 1 => Yes;	Yes	Rule is active;
BS_CUSTOM.aucAkzVoip	Nibble coded; F = end; Max. 3 digits (nibbles); Example: Code=123, please enter '0x12,0x3f'	Yes	Access code for VoIP lines;
BS_CUSTOM.ucAkzVoipMode	0 => None (Off), 1 => For calls from call lists; 2 => For all calls; 3 => For net directories;	Yes	Usage of the access code for VoIP lines;
Advanced VoIP settings			
BS_IP_Data. SystemBehindCelsiusPBX	0 => No; 1 => Yes; Used e.g. for a different incoming call display;	No	Indicates that system is behind a Celsius PBX;
BS_VOIP_Data. ucB_DTMF_TX_MODE_AUTO	0 => No; 1 => Yes;	Yes	Automatic negotiation of DTMF transmission mode;
BS_VOIP_Data. ucI_DTMF_TX_MODE_BITS	Only used if automatic negotiation = No; Bitmask with bit definitions: 0x01 => audio; 0x02 => RFC 2833; 0x04 => SIP INFO;	Yes	Send settings of DTMF transmission;
BS_VOIP_Data.EnableWideband	0 => No; 1 => Yes;	Yes	Enabling wideband calls;
BS_SC_DspGain. bG729VadEnable	0 => No; 1 => Yes;	Yes	Enable the voice activ detection (Annex B) for the G729 Codec;

BS_VOIP_Data. ucB_USE_R_KEY_FOR_CALL_TRANSFER	0 => No; 1 => Yes;	Yes	Use R-Key to initiate call transfer;
BS_CUSTOM_ORG.bit.bEct	0 => No; 1 => Yes;	Yes	Enable call transfer by On-Hook;
BS_VOIP_Data. ucB_CTO_REFER_TO_AUTOMATIC	0 => No; 1 => Yes;	Yes	Call transfer: Determine target address automatically;
BS_VOIP_Data. ucB_CTO_REFER_TO_PREFERRED_CONTACT	0 => from the SIP URL; 1 => from the SIP contact header;	Yes	Call transfer: Derive Target Address;
BS_VOIP_Data. ucB_ATTENDED_CALL_TRANS_HOLD_TARGET	0 => No; 1 => Yes;	Yes	Hold on transfer target for attended call transfer;
BS_VOIP_Data. ucB_UNATTENDED_CALL_TRANS_HOLD_TARGET	0 => No; 1 => Yes;	Yes	Hold on transfer target for unattended call transfer;
BS_VOIP_Data. aucS_HOOK_FLASH_APPL_TYPE[%]	Max. 31 characters;	Yes	Hook Flash (R-key) application type;
BS_VOIP_Data. aucS_HOOK_FLASH_SIGNAL[%]	Max. 15 characters;	Yes	Hook Flash (R-key) application signal;
BS_VOIP_Data. ucB_USE_RANDOM_PORT	0 => No; 1 => Yes;	Yes	Use random ports for SIP;
BS_VOIP_Data. uiI_SIP_LOCAL_PORT	1024-49152	Yes	SIP local port;
BS_VOIP_Data. uiI_SIP_LOCAL_PORT_MAX	If use random ports for SIP is enabled;1024-49152	Yes	Max. SIP local port;
BS_VOIP_Data. uiI_RTP_LOCAL_PORT	Minimum or start value;1024-55000	Yes	RTP local port;
Info Services			
BS_RAP.astRAPServices[1]. ActivateService	0 => No; 1 => Yes;	Yes	Activate service;
BS_RAP.astRAPServices[3]. ActivateService	0 => No; 1 => Yes;	Yes	Activate service;
BS_RAP.astRAPServices[3]. ServerURL	Max. 74 characters;	Yes	Server address;
BS_RAP.astRAPServices[3]. Username	Max. 30 characters;	Yes	Username;
BS_RAP.astRAPServices[3]. Password	Max. 64 characters;	Yes	Password;
BS_RAP.astRAPServices[2]. ActivateService	0 => No; 1 => Yes;	Yes	Activate service;
BS_RAP.astRAPServices[2]. ServerURL	Max. 74 characters;	Yes	Server address;
BS_RAP.astRAPServices[2]. Username	Max. 30 characters;	Yes	Username;
BS_RAP.astRAPServices[2]. Password	Max. 64 characters;	Yes	Password;
Online Directories			

BS_XML_Netdirs. aucAvailableNetdirs[%]	The order of the ID's is used as the order of displaying the directories in the UI; For the directory-ID values see "directory-ids";	No	Array with all available online directories in the product;
BS_XML_Netdirs. aucActivatedNetdirs[%]	For the directory-ID values see "directory-ids";	Yes	Array with all activated online directories;
BS_IP_Data. ucB_ADD_SIPID_TO_HTTP_REQ	0 => No; 1 => Yes;	No	turns on/off "SIP USER ID" in XML HTTP GET request
BS_XML_Netdirs.astNetdirProvider[0].aucProviderName[%]	Max. 20 characters;	Yes	Provider name;
BS_XML_Netdirs.astNetdirProvider[0].aucServerURL[%]	Max. 74 characters;	Yes	Server address; **"?" must be at the end**.
BS_XML_Netdirs.astNetdirProvider[0].aucUsername[%]	Max. 30 characters;	Yes	Authentication name;
BS_XML_Netdirs.astNetdirProvider[0].aucPassword[%]	Max. 64 characters;	Yes	Authentication password;
BS_XML_Netdirs.astNetdirProvider[0].aucWhitePagesDirName[%]	Max. 20 characters;	Yes	White pages directory name;
BS_XML_Netdirs.astNetdirProvider[0].aucYellowPagesDirName[%]	Max. 20 characters;	Yes	Yellow pages directory name;
BS_XML_Netdirs.astNetdirProvider[0].ucAuthPossibilities		No	Authentication mode;
BS_XML_Netdirs.astNetdirProvider[0].aucCountryCode[%]	Max. 2 characters; Strings can be found in iso-3166-1;	No	Country code;
BS_XML_Netdirs.astNetdirProvider[0].bitfldCap.bSearchPeopleCap		No	
BS_XML_Netdirs.astNetdirProvider[0].bitfldCap.bSearchBusinessCap		No	
BS_XML_Netdirs.astNetdirProvider[0].bitfldCap.bReverseSearchCap		No	
BS_XML_Netdirs.astNetdirProvider[0].bitfldCap.bAutolookupCap		No	
BS_XML_Netdirs.astNetdirProvider[0].bitfldCap.bPrivateDirectoryCap		No	
BS_XML_Netdirs.astNetdirProvider[0].bitfldCap. bPrivateDirectoryNicknameCap		No	
BS_XML_Netdirs.astNetdirProvider[0].bitfldCap.bSndMacAddress		No	
BS_XML_Netdirs.astNetdirProvider[0].bitfldCap.bEncryptPosts		No	
BS_XML_Netdirs.astNetdirProvider[1].aucWhitePagesDirName[%]	Max. 20 characters;	Yes	White pages directory name;
BS_XML_Netdirs.astNetdirProvider[1].aucServerURL[%]	Max. 74 characters;	Yes	Server address;
BS_XML_Netdirs.astNetdirProvider[1].aucUsername[%]	Max. 30 characters;	Yes	Authentication name;
BS_XML_Netdirs.astNetdirProvider[1].aucPassword[%]	Max. 64 characters;	Yes	Authentication password;
BS_XML_Netdirs.astNetdirProvider[1].aucPrivatePagesDirName[%]	Max. 20 characters;	Yes	Private pages directory name;
BS_XML_Netdirs.astNetdirProvider[1].ucAuthPossibilities		No	Authentication mode;

BS_XML_Netdirs.astNetdirProvider[1].aucCountryCode[%]	Max. 2 characters; Strings can be found in iso-3166-1;	No	Country code;
BS_XML_Netdirs.astNetdirProvider[1].bitfldCap.bSearchPeopleCap		No	
BS_XML_Netdirs.astNetdirProvider[1].bitfldCap.bSearchBusinessCap		No	
BS_XML_Netdirs.astNetdirProvider[1].bitfldCap.bReverseSearchCap		No	
BS_XML_Netdirs.astNetdirProvider[1].bitfldCap.bAutolookupCap		No	
BS_XML_Netdirs.astNetdirProvider[1].bitfldCap.bPrivateDirectoryCap		No	
BS_XML_Netdirs.astNetdirProvider[1].bitfldCap. bPrivateDirectoryNicknameCap		No	
BS_XML_Netdirs.astNetdirProvider[1].bitfldCap.bSndMacAddress		No	
BS_XML_Netdirs.astNetdirProvider[1].bitfldCap.bEncryptPosts		No	
BS_LDAP_Netdirs. astNetdirProvider[0].aucDirName [%]	Max. 20 characters;	Yes	Directory name (Display name);
BS_LDAP_Netdirs. astNetdirProvider[0].aucServerURL [%]	Max. 74 characters;	Yes	Server address;
BS_LDAP_Netdirs. astNetdirProvider[0].uiServerPort		Yes	Port on which LDAP server listens;
BS_LDAP_Netdirs. astNetdirProvider[0].aucBaseDN [%]	Max. 50 characters;	Yes	Base Distinguished Name Dn of LDAP database;
BS_LDAP_Netdirs. astNetdirProvider[0].aucUsername [%]	Max. 50 characters;	Yes	Username;
BS_LDAP_Netdirs. astNetdirProvider[0].aucPassword [%]	Max. 64 characters;	Yes	Password;
BS_LDAP_Netdirs. astNetdirProvider[0].NameFilter[%]	Max. 50 characters;	No	Name filter criteria for the search;
BS_LDAP_Netdirs. astNetdirProvider[0].NumberFilter [%]	Max. 50 characters;	No	Number filter criteria for the search;
BS_LDAP_Netdirs. astNetdirProvider[0]. NameAttributes[%]	Max. 50 characters;	No	Definition which information should be delivered as the search result for the search by name;
BS_LDAP_Netdirs. astNetdirProvider[0]. NumberAttributes[%]	Max. 50 characters;	No	Definition which information should be delivered as the search result for the search by number;
BS_LDAP_Netdirs. astNetdirProvider[0].DisplayName [%]	Max. 50 characters;	No	Format for displaying names;
Management - Date &Time			
BS_IP_Data. ucB_TIME_USE_AUTOMATIC_NTP_SYN	0 => No; 1 => Yes;	Yes	**WebUI:** Enable automatic adjustment of System Time with Time Server;

BS_IP_Data. aucS_TIME_NTP_SERVER	Max. 74 characters;	Yes	**WebUI:** Time server address;
BS_IP_Data.uiI_TIME_TIMEZONE	0x00=(GMT-12:00) International Date Line West 0x01=(GMT-11:00) Midway Island, Samoa 0x02=(GMT-10:00) Hawaii 0x03=(GMT-09:00) Alaska 0x04=(GMT-08:00) Pacific Time (US and Canada), Tijuana 0x05=(GMT-07:00) Arizona 0x06=(GMT-07:00) Chihuahua, La Paz, Mazatlan 0x07=(GMT-07:00) Mountain Time (US and Canada) 0x08=(GMT-06:00) Central America 0x09=(GMT-06:00) Central Time (US and Canada) 0x0a=(GMT-06:00) Guadalajara, Mexico City, Monterrey 0x0b=(GMT-06:00) Saskatchewan 0x0c=(GMT-05:00) Bogota, Lima, Quito 0x0d=(GMT-05:00) Eastern Time (US and Canada) 0x0e=(GMT-05:00) Indiana (East); 0x0f=(GMT-04:00) Atlantic Time (Canada) 0x10=(GMT-04:00) Caracas, La Paz 0x11=(GMT-04:00) Santiago 0x12=(GMT-03:30) Newfoundland 0x13=(GMT-03:00) Brasilia 0x14=(GMT-03:00) Buenos Aires, Georgetown 0x15=(GMT-03:00) Greenland 0x16=(GMT-02:00) Mid-Atlantic 0x17=(GMT-01:00) Azores 0x18=(GMT-01:00) Cape Verde Is. 0x19=(GMT00:00) Casablanca, Monrovia 0x1a=(GMT00:00) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London 0x1b=(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna 0x1c=(GMT+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague 0x1d=(GMT+01:00) Brussels, Copenhagen, Madrid, Paris 0x1e=(GMT+01:00) Sarajevo, Skopje, Warsaw, Zagreb 0x1f=(GMT+01:00) West Central Africa 0x20=(GMT+02:00) Athens, Beirut, Istanbul, Minsk 0x21=(GMT+02:00) Bucharest 0x22=(GMT+02:00) Cairo 0x23=(GMT+02:00) Harare, Pretoria 0x24=(GMT+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius 0x25=(GMT+02:00) Jerusalem 0x26=(GMT+03:00) Baghdad 0x27=(GMT+03:00) Kuwait, Riyadh 0x28=(GMT+03:00) Moscow, St. Petersburg, Volgograd 0x29=(GMT+03:00) Nairobi 0x2a=(GMT+03:30) Tehran 0x2b=(GMT+04:00) Abu Dhabi, Muscat 0x2c=(GMT+04:00) Baku, Tbilisi, Yerevan 0x2d=(GMT+04:30) Kabul 0x2e=(GMT+05:00) Ekaterinburg 0x2f=(GMT+05:00) Islamabad, Karachi, Tashkent 0x30=(GMT+05:30) Chennai, Kolkata, Mumbai, New Delhi 0x31=(GMT+05:45) Kathmandu 0x32=(GMT+06:00) Almaty, Novosibirsk 0x33=(GMT+06:00) Astana, Dhaka 0x34=(GMT+06:00) Sri Jayawardenepura 0x35=(GMT+06:30) Rangoon 0x36=(GMT+07:00) Bangkok, Hanoi, Jakarta 0x37=(GMT+07:00) Krasnoyarsk 0x38=(GMT+08:00) Beijing, Chongqing, Hong	Yes	**WebUI:** Time zone number;

	Kong, Urumqi 0x39=(GMT+08:00) Irkutsk, Ulaan Bataar 0x3a=(GMT+08:00) Kuala Lumpur, Singapore 0x3b=(GMT+08:00) Perth 0x3c=(GMT+08:00) Taipei 0x3d=(GMT+09:00) Osaka, Sapporo, Tokyo 0x3e=(GMT+09:00) Seoul 0x3f=(GMT+09:00) Yakutsk 0x40=(GMT+09:30) Adelaide 0x41=(GMT+09:30) Darwin 0x42=(GMT+10:00) Brisbane 0x43=(GMT+10:00) Canberra, Melbourne, Sydney 0x44=(GMT+10:00) Guam, Port Moresby 0x45=(GMT+10:00) Hobart 0x46=(GMT+10:00) Vladivostok 0x47=(GMT+11:00) Magadan, Solomon Is., New Caledonia 0x48=(GMT+12:00) Auckland, Wellington 0x49=(GMT+12:00) Fiji, Kamchatka, Marshall Is. 0x50=(GMT+13:00) Nuku'alofa;		
BS_IP_Data. ucB_TIME_USE_AUTOMATIC_DST	0 => No; 1 => Yes;	Yes	**WebUI:** Automatically adjust clock to summer-time changes;
Management - Local settings			

BS_IP_Data. ucI_DIALING_PLAN_COUNTRY_ID	integer: 0=Albania; 1=Argentina; 2=Australia; 3=Austria 4=Bahrain; 5=Belarus; 6=Belgium; 7=Bolivia 8=Bosnia and Herzegovina; 9=Brazil; 10=Bulgaria 11=Canada; 12=Chile; 13=China; 14=Colombia 15=Costa Rica; 16=Croatia; 17=Cyprus 18=Czech Republic; 19=Denmark; 20=Ecuador 21=Egypt; 22=Estonia; 23=Finland; 24=France 25=Germany; 26=Greece; 27=Hong Kong 28=Hungary; 29=Iceland; 30=India; 31=Indonesia 82=Iran; 32=Ireland; 33=Israel; 34=Italy; 35=Japan 36=Jordan; 37=Korea, Republic of; 38=Kuwait 39=Latvia; 40=Lebanon; 41=Liechtenstein 42=Lithuania; 43=Luxembourg; 44=Macedonia 45=Malaysia; 46=Mexico; 81=Montenegro 47=Morocco; 79=Namibia; 48=Netherlands 49=New Zealand; 50=Norway; 51=Pakistan 80=Palestine; 52=Panama; 53=Paraguay 54=Peru; 55=Philippines; 56=Poland; 57=Portugal 58=Puerto=Rico; 59=Romania; 60=Russia 61=Saudi Arabia; 62=Serbia; 63=Singapore 64=Slovakia; 65=Slovenia; 66=South Africa 67=Spain; 68=Sweden; 69=Switzerland 70=Taiwan; 71=Thailand; 72=Turkey 73=United Arab Emirates; 74=United Kingdom 75=United States of America; 76=Uruguay 77=Venezuela; 78=Other Country; 255=undefined	Yes	**WebUI:** Local country number;
BS_CUSTOM_ORG. aucInternationalPrefix	Nibble coded; Max. 4 digits (nibbles);D => never set; F => end;	Yes	**WebUI:** International Prefix;
BS_CUSTOM_ORG. aucCountryCode	Nibble coded; Max. 4 digits (nibbles);D => never set; F => end;	Yes	**WebUI:** International Code Number (Country Code);
BS_CUSTOM_ORG. aucNationalPrefix	Nibble coded; Max. 4 digits (nibbles);D => never set; F => end;	Yes	**WebUI:** Local (national) prefix;
BS_IP_Data. ucB_USE_CITY_CODE	0 => No; 1 => for local and national calls; 2 => for local calls;	Yes	**WebUI:** Using area codes;

BS_AE_SwConfig. ucCountryCodeTone	0 => default tones; 1 => US; 2 => Swisscom; 3 => RSA; 4 => AUT; 5 => CZE; 6 => ESP; 7 => FRA; 8 => GBR; 9 => NLD; 10 => POL; 11 => RUS;	Yes	**WebUI:** Tone scheme selection;
Management - Miscellaneous			
BS_IP_Data.ucI_HTTPLANGUAGE	0x01 => US; 0x02 => GER; 0x04 => SPAIN; 0x05 => PORTUG; 0x07 => ITALY; 0x09 => FRENCH; 0x0a => NETHER; 0x0f => CZECH; 0x11 => POLISH; 0x16 => SLOVAKIAN; 0x17 => RUSSIAN; 0x18 => GREEK; 0x1b => SLOVENIAN; 0x1c => ROMANIAN;	Yes	**WebUI:** ID of the Web UI language;
BS_CUSTOM.WebUIPassword	Max. 19 characters;	Yes	**WebUI:** WEB UI password;
BS_Satellites. bShowCellStateViaLED	0 => No; 1 => Yes;	Yes	**WebUI:** Activate signalling of base station state via LED;
BS_IP_Data. ucB_DO_CHECK_FOR_PROFILE _UPDATES	0 => No; 1 => Yes;	Yes	Automatic check and update of new profile data;
Management - Reboot			
BS_CUSTOM.RebootCondition	0 => optional 1 => daily	Yes	Reboot and synchronisation condition:

BS_CUSTOM. SystemCheckOnWeekdays	Bitmask with one bit for each weekday where system check should run. Bitmasks for the days: 0x01 => Monday, 0x02 => Tuesday, 0x04 => Wednesday, 0x08 => Thursday, 0x10 => Friday, 0x20 => Saturday, 0x40 => Sunday	Yes	System check every;
BS_CUSTOM. SystemCheckStartTimeHours	BCD coded; If initialized with value 0xff then value is set at first system start with a random value between 0:30 and 3:30;	Yes	Hours of system check starttime;
BS_CUSTOM. SystemCheckStartTimeMinutes	BCD coded; If initialized with value 0xff then value is set at first system start with a random value between 0:30 and 3:30;	Yes	Minutes of system check starttime;
Management - System log			
BS_Syslog.aucServerIPAddress[%]		Yes	**Web UI: Settings - Management - System log** IP address of syslog server
BS_Syslog.uiServerPort		Yes	**Web UI: Settings - Management - System log** Syslog server port
BS_Syslog.ulFacilityMask			**Web UI: Settings - Management - System log**
BS_Syslog.ulSeverityMask			**Web UI: Settings - Management - System log**
BS_Syslog.bActivateSyslog	0 => No; 1 => Yes;	Yes	**Web UI: Settings - Management - System log** Enable / disable syslog server
Management - Firmware Update			
BS_IP_Data.UpdateStrategy	0 => sequential;1 => simultaneous;	Yes	Update strategy for the satellites;
BS_IP_Data. KindOfPlannedUpdate	1=> for firmware update 2=> for firmware downgrade to former version 3=> for firmware downgrade to delivery version		
BS_IP_Data.PlannedUpdateTime	0x648 (default)		Should be used together with KindOfPlannedUpdate Unix timestamp: 0x648 - Thu, 01 Jan 1970 00:10:48 GMT http://www.onlineconversion.com/unix_time.htm
Firmware update			
S_SPECIAL_DATA_SRV_IWU		No	Direct link towards DECT Manager firmware file. Example: <S_SPECIAL_DATA_SRV_IWU class="string" value="'"http://192.168.178.101/device/firmware/server_einstein_iwu095.bin"'"/> Name of file should be "server_einstein_iwu_Softwareversion.bin" Restart/Sync/After time is needed to start upgrade.

S_SPECIAL_DATA_SRV_SAT		No	Direct link towards DECT Basestation firmware file. Example: <S_SPECIAL_DATA_SRV_SAT class="string" value="'"http://192.168.178.101/device/firmware/sat7109500000000.bin"'/> Naming of file should be like in the above example. Restart/Sync/After time is needed to start upgrade.
Broadsoft provisioning			
BS_IP_Data. ucI_PHONE_SYSTEM	0=default setting; 5=Broadsoft	No	Usage of non symbolic: <I_PHONE_SYSTEM class="integer" value="5"/> symbolic NVM where custom parameter will be stored: BS_IP_Data.ucI_PHONE_SYSTEM
S_PROV_USERNAME	Max. 50 characters	No	Usage of non symbolic: <S_PROV_USERNAME class="string" value="broadsoft-username"/> Available only when: I_PHONE_SYSTEM=5; symbolic NVM where custom parameter will be stored: BS_IP_Data.aucS_HTTP_DIGEST_USERNAME
S_PROV_PASSWORD	Max. 50 characters	No	Usage of non symbolic: <S_PROV_PASSWORD class="string" value="broadsoft-password"/> Available only when: I_PHONE_SYSTEM=5; symbolic NVM where custom parameter will be stored: BS_IP_Data.aucS_HTTP_DIGEST_PASSWORD
S_CONFIGFILE_URL	Max. 74 characters	Yes	Symbolic NVM where custom parameter will be stored: BS_IP_Data.aucS_CONFIGFILE_URL
BS_IP_Data. ucB_DISABLE_CVS_ON_HANDSET	0=enabled (default); 1=disabled	No	Available only when: I_PHONE_SYSTEM=5; symbolic NVM where custom parameter will be stored: BS_IP_Data.ucB_DISABLE_CVS_ON_HANDSET For non symbolic usage - disable CVS on handset: <I_PHONE_SYSTEM class="integer" value="5"/> <Disable_Common_Voice_Services_on_Handset class="integer" value="1"/> For symbolic usage - disable CVS on handset: <SYMB_ITEM ID="BS_IP_Data.ucI_PHONE_SYSTEM" class="symb_item" value="5"/> <SYMB_ITEM ID="BS_IP_Data. ucB_DISABLE_CVS_ON_HANDSET" class="symb_item" value="1"/>
Advanced settings			
BS_VOIP_Data.astVoipProviders[%].CLIR_PRIVACY_LEVEL	0x40 0x41	No	Settings to change Anonymous Call behaviour 0x40 => privacy: id 0x41 => privacy: id + From: Anonymous
BS_VOIP_Data. ul_SIP_AllowMethodMask	0x0000173E 0x0000373E	No	To activate the support of SIP (CLIP) UPDATE method you must change BS_VOIP_Data.ul_SIP_AllowMethodMask from 0x0000173E to 0x0000373E

BS_VOIP_Data.astVoipProviders.
ulSessionRefresh_MIN_SE
	0 = disabled (default)	No	Session Timer
			
			InitValue=0 //feature off
			Proposals
			=90 // this is the smallest value allowed by RFC
			>>>>>>>>=300 // would be Gigaset recommendation for regular use of session-timer
			=1800 // is used by most UA and services

BS_VOIP_Data. aucS_SIPAlertInfoHeaderInternal	alert-internal	No	Defines the Alert-Info header value of the info parameter which indicates that the call should be signaled with internal ringing pattern: Alert-Info: ;info=alert-internal
BS_CUSTOM. ucAkzVoipNotUsedNumberLength	0xff	When enabled.	Control switch = BS_CUSTOM. ucAkzVoipNotUsedNumberLength Default value = 0xff. To change it it has to be provisioned. 0 -> feature is switched off by user 1 -> numbers with length 1 are treated as PBX internal numbers (min) 9 -> numbers with length 9 are treated as PBX internal numbers (max) ff -> Configuration not visible in WEB UI