



Soluções de Vanguarda em Segurança da Informação



Anexo - Módulos



Soluções de Vanguarda em Segurança da Informação

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1. AvantData

Plataforma unificada de Comando, Controle, Comunicações, Inteligência e Interoperabilidade - C3i2 para resposta a incidentes e mitigação de fraudes.

O produto foi criado para prover inteligência, visibilidade de dados, orquestração e resposta a incidentes, combate a fraudes, incluindo funcionalidades de *BigData*, detecção e resposta de incidentes em redes e agentes, análise de anomalias, APIs para integração e desenvolvimento de aplicativos.



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2. Licença CORE

Licença CORE contendo os seguintes módulos básicos:

- Dashboard
- Alertas
- Regras RA2D
- Relatórios
- Entradas de dados
- Saídas de dados
- Geoprocessamento
- AvantGraph – Análise de vínculos
- AvantFlow
- Acesso ao AvantPortal de Marketplace (durante o período de vigência da garantia junto à AvantSec)



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3. AvantScan

Módulo para varredura de vulnerabilidades, integrado a plataforma, com o objetivo de descobrir e verificar possíveis brechas de segurança em infraestrutura e aplicações WEB.

O produto permite a gestão de alvos, ativos, listas de portas, configurações de scanners, tarefas, avaliação de resultados e exportação dos relatórios.



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4. AvantNet

Módulo para captura de tráfego de rede, onde é possível a configuração de sensores remotos, upload e download de PCAP.

No caso de captura de tráfego de rede o AvantNet deverá receber os dados de um espelhamento de porta de um ativo de rede. O ativo pode ser um TAP, SWITCH com *port mirroring*, Firewall ou qualquer outro ativo com a capacidade de interceptar o tráfego de rede e redirecionar para o AvantNet. O objetivo é não degradar ou interferir no funcionamento da estrutura de rede.

Caso a rede do cliente não tenha algum ativo para espelhamento de tráfego, o AvantNet pode ser entregue em *appliance* físico, com portas em *failover*, para garantir que não haja latência ou ponto de falha externa à rede.

As capturas são configuradas com filtros BPF* e analisadores com interpretação automática, em tempo de indexação, do conteúdo dos protocolos. Ou seja, independentemente da porta que está sendo usada pela aplicação, ao receber um pacote, o AvantNet vai tentar interpretar e indexar o conteúdo dos pacotes no índice selecionado pelo operador.

Após a indexação dos dados no AvantData, todas as ações de regras, dashboards, alertas, relatórios, aplicação de modelos de *Machine Learning*, Coletores, Parsers e APIs podem ser aplicadas nos dados disponíveis na ferramenta.

*<https://www.kernel.org/doc/Documentation/networking/filter.txt>

A lista completa de analisadores e a capacidade de remontagem de pacotes está disponível abaixo:



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Protocolo	SIGLA	Remontagem de pacotes
(Facebook) Zero Protocol	FBZERO	x
.NET Message Framing Protocol	MC-NMF	x
.NET NegotiateStream Protocol	MS-NNS	x
29West Protocol	29West	x
3com Network Jack	NJACK	x
3Com XNS Encapsulation	3COMXNS	x
3GPP BICC MST	BICC-MST	x
3GPP COMMON	3GPP COMMON	x
3GPP log packet	LOG3GPP	x
3GPP Nb Interface RTP Multiplex	NB_RTPMUX	x
3GPP/GSM Cell Broadcast Service Protocol	cbsp	x
3GPP2 A11	3GPP2 A11	x
802.11 radio information	802.11 Radio	x
802.1AE Security tag	MACsec	x
802.1BR E-Tag	ETAG	x
802.1CB Redundancy Tag	R-Tag	x
802.1Q Virtual LAN	VLAN	x
802.1X Authentication	EAPOL	x
A21 Protocol	A21	x
AAL type 2 signalling protocol (Q.2630)	ALCAP	x
Aastra Signalling Protocol	AASP	x
Access Node Control Protocol	ANCP	x
Access Point Name	Access Point Name	x
ACF CAN	CAN over AVTP	x
ACF LIN	LIN over AVTP	x
ACF Message	ACF	x
ACP133 Attribute Syntaxes	ACP133	x
Action Message Format	AMF	x
Active Directory Setup	DSSETUP	x
Ad hoc On-demand Distance Vector Routing Protocol	AODV	x
Adaptive Multi-Rate	AMR	x
Adaptive Multi-Rate WB	AMR WB	x
Address Allocation Cause	Address Allocation Cause	x
Address and Control Field Compression	Address and Control Field Compression	x
Address Resolution Protocol	ARP/RARP	x
Advanced Card Systems ACR122	ACR 122	x
Advanced Intelligent Network	AIN	x



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Advanced Message Queueing Protocol	AMQP	x
ADwin communication protocol	ADwin	x
ADwin configuration protocol	ADwin-Config	x
Aeron Protocol	Aeron	x
AgentX	AgentX	x
Aggregate Server Access Protocol	ASAP	x
AIM Administrative	AIM Administration	x
AIM Advertisements	AIM Advertisements	x
AIM Buddylist Service	AIM Buddylist	x
AIM Chat Navigation	AIM ChatNav	x
AIM Chat Service	AIM Chat	x
AIM Directory Search	AIM Directory	x
AIM E-mail	AIM Email	x
AIM Generic Service	AIM Generic	x
AIM ICQ	AIM ICQ	x
AIM Invitation Service	AIM Invitation	x
AIM Location	AIM Location	x
AIM Messaging	AIM Messaging	x
AIM Popup	AIM Popup	x
AIM Privacy Management Service	AIM BOS	x
AIM Server Side Info	AIM SSI	x
AIM Server Side Themes	AIM SST	x
AIM Signon	AIM Signon	x
AIM Statistics	AIM Stats	x
AIM Translate	AIM Translate	x
AIM User Lookup	AIM User Lookup	x
AiroPeek/OmniPeek encapsulated IEEE 802.11	PEEKREMOTE	x
Alert Standard Forum	ASF	x
Align-NPDU	Align-NPDU	x
AllJoyn Message Protocol	AllJoyn	x
AllJoyn Name Service Protocol	AllJoyn NS	x
AllJoyn Reliable Datagram Protocol	AllJoyn ARDP	x
AltBeacon	AltBeacon	x
Alteon - Transparent Proxy Cache Protocol	TPCP	x
Amateur Radio AX.25	AX.25	x
Amateur Radio BPQ	BPQ	x
Amateur Radio NET/ROM	NET/ROM	x
America Online	AOL	x
AMP	AMP	x
AMQP Version 0.10	Version 0.10	x
AMQP Version 0.9	Version 0.9	x



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AMQP Version 1.0	Version 1.0	x
AMS	AMS	x
Andrew File System (AFS)	AFS (RX)	x
Android Debug Bridge	ADB	x
Android Debug Bridge Client-Server	ADB CS	x
Android Debug Bridge Service	ADB Service	x
Android Logcat	Logcat	x
Android Logcat Text	Logcat Text	x
ANSI A-I/F BSMAP	ANSI BSMAP	x
ANSI A-I/F DTAP	ANSI DTAP	x
ANSI C12.22	C12.22	x
ANSI IS-637-A (SMS) Teleservice Layer	ANSI IS-637-A Teleservice	x
ANSI IS-637-A (SMS) Transport Layer	ANSI IS-637-A Transport	x
ANSI IS-683 (OTA (Mobile))	ANSI IS-683 (OTA (Mobile))	x
ANSI IS-801 (Location Services (PLD))	ANSI IS-801 (Location Services (PLD))	x
ANSI Mobile Application Part	ANSI MAP	x
ANSI Transaction Capabilities Application Part	ANSI_TCAP	x
Anything in Anything Protocol	AYIYA	x
AOL Instant Messenger	AIM	x
Apache Etch Protocol	Etch	x
Apache JServ Protocol v1.3	AJP13	x
Apache Tribes Heartbeat Protocol	ATH	x
APN Aggregate Maximum Bit Rate(APN-AMBR)	APN Aggregate Maximum Bit Rate(APN-AMBR)	x
Apple Filing Protocol	AFP	x
Apple iBeacon	iBeacon	x
Apple IP-over-IEEE 1394	IP/IEEE1394	x
Apple Network-MIDI Session Protocol	AppleMIDI	x
Apple Wireless Direct Link action frame	AWDL	x
Apple Wireless Direct Link data frame	AWDL data	x
Appletalk Address Resolution Protocol	AARP	x
AppleTalk Session Protocol	ASP	x
AppleTalk Transaction Protocol packet	ATP	x
Application Configuration Access Protocol	ACAP	x
aptX Codec	aptX	x
AR Drone Packet	AR Drone	x
Architecture for Control Networks	ACN	x
ARCNET	ARCNET	x
Arinc 615a Protocol	A615a	x
Arista Vendor Specific Protocol	avsp	x
Artemis Core Protocol	Artemis	x



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Art-Net	ARTNET	x
Aruba Discovery Protocol	ADP	x
Aruba Instant AP Protocol	aruba_iap	x
Aruba Networks encapsulated remote mirroring	ARUBA_ERM	x
Aruba Networks encapsulated remote mirroring - AIRMAGNET (Type 2)	ARUBA ERM AIRMAGNET (Type 2)	x
Aruba Networks encapsulated remote mirroring - PCAP (Type 0)	ARUBA ERM PCAP (Type 0)	x
Aruba Networks encapsulated remote mirroring - PCAP+RADIO (Type 3)	ARUBA ERM PCAP+RADIO (Type 3)	x
Aruba Networks encapsulated remote mirroring - PEEK (Type 1)	ARUBA ERM PEEK (type 1)	x
Aruba Networks encapsulated remote mirroring - PEEK (Type 5)	ARUBA ERM PEEK-NG (type 5)	x
Aruba Networks encapsulated remote mirroring - PPI (Type 4)	ARUBA ERM PPI (Type 4)	x
Aruba Networks encapsulated remote mirroring - RADIOTAP (Type 6)	ARUBA ERM RADIOTAP (type 6)	x
Aruba PAPI	PAPI	x
Asphodel	Asphodel	x
Assa Abloy R3	R3	x
ASTERIX packet	ASTERIX	x
Async Control Character Map	Async Control Character Map	x
Async data over ISDN (V.120)	V.120	x
Asynchronous Layered Coding	ALC	x
Asynchronous Transfer Mode	ATM	x
AT Command	AT	x
ATAoverEthernet	AOE	x
ATM AAL1	AAL1	x
ATM AAL3/4	AAL3/4	x
ATM Address Resolution Protocol	ATMARP	x
ATM Cell	ATM Cell	x
ATM LAN Emulation	ATM LANE	x
ATM OAM AAL	OAM AAL	x
ATM over TCP	ATMTCP	x
Attach Type	Attach Type	x
AUDIOCODES DEBUG RECORDING	AC DR	x
AudioCodes TPNCP (TrunkPack Network Control Protocol)	TPNCP	x
AudioCodes Trunk Trace	ACtrace	x
Authentication Header	AH	x
Authentication Option	Authentication Option	x



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Authentication Protocol	Authentication Protocol	x
Automatic Multicast Tunneling	AMT	x
Automatic Position Reporting System	APRS	x
AUTOSAR Network Management	AUTOSAR NM	x
AVS WLAN Capture header	AVS WLANCAP	x
AVTP Audio Format	AAF	x
AVTP Compressed Video Format	CVF	x
AX.25 KISS	AX.25 KISS	x
AX.25 no Layer 3	AX.25 no L3	x
AX/4000 Test Block	AX4000	x
B.A.T.M.A.N. Advanced Protocol	BATADV	x
B.A.T.M.A.N. GW	BAT GW	x
B.A.T.M.A.N. Layer 3 Protocol	BAT	x
B.A.T.M.A.N. Vis	BAT VIS	x
Babel Routing Protocol	Babel	x
BACnet MS/TP	BACnet MS/TP	x
BACnet Virtual Link Control	BVLC	x
Banyan Vines ARP	Vines ARP	x
Banyan Vines Echo	Vines Echo	x
Banyan Vines Fragmentation Protocol	Vines FRP	x
Banyan Vines ICP	Vines ICP	x
Banyan Vines IP	Vines IP	x
Banyan Vines IPC	Vines IPC	x
Banyan Vines LLC	Vines LLC	x
Banyan Vines RTP	Vines RTP	x
Banyan Vines SPP	Vines SPP	x
Base Station Subsystem GPRS Protocol	BSSGP	x
Basic Encoding Rules (ASN.1 X.690)	BER	x
Bazaar Smart Protocol	Bazaar	x
BCTP Q.1990	BCTP	x
BEA Tuxedo	TUXEDO	x
Bearer Independent Call Control	BICC	x
Bencode	Bencode	x
BGP Monitoring Protocol	BMP	x
Bidirectional Forwarding Detection Control Message	BFD Control	x
Bidirectional Forwarding Detection Echo Packet	BFD Echo	x
Binary Floor Control Protocol	BFCP	x
Bitcoin protocol	Bitcoin	x
BitTorrent	BitTorrent	x
BitTorrent DHT Protocol	BT-DHT	x



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BLIP Couchbase Mobile	BLIP	x
Blocks Extensible Exchange Protocol	BEEP	x
Blubster/Piolet MANOLITO Protocol	Manolito	x
bluecom Protocol	bluecom	x
Bluetooth	Bluetooth	x
Bluetooth 3DS Profile	BT 3DS	x
Bluetooth A2DP Content Protection Header SCMS-T	BT A2DP Content Protection Header SCMS-T	x
Bluetooth A2DP Profile	BT A2DP	x
Bluetooth AMP Packet	BT AMP	x
Bluetooth Attribute Protocol	BT ATT	x
Bluetooth AVCTP Protocol	BT AVCTP	x
Bluetooth AVDTP Protocol	BT AVDTP	x
Bluetooth AVRCP Profile	BT AVRCP	x
Bluetooth BNEP Protocol	BT BNEP	x
Bluetooth Broadcom HCI	HCI BROADCOM	x
Bluetooth Common	BT Common	x
Bluetooth DUN Packet	BT DUN	x
Bluetooth GATT Attribute Aerobic Heart Rate Lower Limit (UUID 0x2a7e)	BT GATT Aerobic Heart Rate Lower Limit (UUID 0x2a7e)	x
Bluetooth GATT Attribute Aerobic Heart Rate Upper Limit (UUID 0x2a84)	BT GATT Aerobic Heart Rate Upper Limit (UUID 0x2a84)	x
Bluetooth GATT Attribute Aerobic Threshold (UUID 0x2a7f)	BT GATT Aerobic Threshold (UUID 0x2a7f)	x
Bluetooth GATT Attribute Age (UUID 0x2a80)	BT GATT Age (UUID 0x2a80)	x
Bluetooth GATT Attribute Aggregate (UUID 0x2a5a)	BT GATT Aggregate (UUID 0x2a5a)	x
Bluetooth GATT Attribute AirFuel Alliance - Wireless Power Transfer (WPT) Service (UUID 0xffff)	BT GATT AirFuel Alliance - Wireless Power Transfer (WPT) Service (UUID 0xffff)	x
Bluetooth GATT Attribute Alert Category ID (UUID 0x2a43)	BT GATT Alert Category ID (UUID 0x2a43)	x
Bluetooth GATT Attribute Alert Category ID Bit Mask (UUID 0x2a42)	BT GATT Alert Category ID Bit Mask (UUID 0x2a42)	x
Bluetooth GATT Attribute Alert Level (UUID 0x2a06)	BT GATT Alert Level (UUID 0x2a06)	x
Bluetooth GATT Attribute Alert Notification Control Point (UUID 0x2a44)	BT GATT Alert Notification Control Point (UUID 0x2a44)	x
Bluetooth GATT Attribute Alert Notification Service (UUID 0x1811)	BT GATT Alert Notification Service (UUID 0x1811)	x
Bluetooth GATT Attribute Alert Status (UUID 0x2a3f)	BT GATT Alert Status (UUID 0x2a3f)	x



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Bluetooth GATT Attribute Alliance for Wireless Power - Wireless Power Transfer Service (UUID 0xffff)	BT GATT Alliance for Wireless Power - Wireless Power Transfer Service (UUID 0xffff)	x
Bluetooth GATT Attribute Altitude (UUID 0x2ab3)	BT GATT Altitude (UUID 0x2ab3)	x
Bluetooth GATT Attribute Anaerobic Heart Rate Lower Limit (UUID 0x2a81)	BT GATT Anaerobic Heart Rate Lower Limit (UUID 0x2a81)	x
Bluetooth GATT Attribute Anaerobic Heart Rate Upper Limit (UUID 0x2a82)	BT GATT Anaerobic Heart Rate Upper Limit (UUID 0x2a82)	x
Bluetooth GATT Attribute Anaerobic Threshold (UUID 0x2a83)	BT GATT Anaerobic Threshold (UUID 0x2a83)	x
Bluetooth GATT Attribute Analog (UUID 0x2a58)	BT GATT Analog (UUID 0x2a58)	x
Bluetooth GATT Attribute Analog Output (UUID 0x2a59)	BT GATT Analog Output (UUID 0x2a59)	x
Bluetooth GATT Attribute Apparent Wind Direction (UUID 0x2a73)	BT GATT Apparent Wind Direction (UUID 0x2a73)	x
Bluetooth GATT Attribute Apparent Wind Speed (UUID 0x2a72)	BT GATT Apparent Wind Speed (UUID 0x2a72)	x
Bluetooth GATT Attribute Appearance (UUID 0x2a01)	BT GATT Appearance (UUID 0x2a01)	x
Bluetooth GATT Attribute ASTM International - ASTM Remote ID (UUID 0xffff)	BT GATT ASTM International - ASTM Remote ID (UUID 0xffff)	x
Bluetooth GATT Attribute Automation IO (UUID 0x1815)	BT GATT Automation IO (UUID 0x1815)	x
Bluetooth GATT Attribute Average Current (UUID 0x2ae0)	BT GATT Average Current (UUID 0x2ae0)	x
Bluetooth GATT Attribute Average Voltage (UUID 0x2ae1)	BT GATT Average Voltage (UUID 0x2ae1)	x
Bluetooth GATT Attribute Barometric Pressure Trend (UUID 0x2aa3)	BT GATT Barometric Pressure Trend (UUID 0x2aa3)	x
Bluetooth GATT Attribute Battery Level (UUID 0x2a19)	BT GATT Battery Level (UUID 0x2a19)	x
Bluetooth GATT Attribute Battery Level State (UUID 0x2a1b)	BT GATT Battery Level State (UUID 0x2a1b)	x
Bluetooth GATT Attribute Battery Power State (UUID 0x2a1a)	BT GATT Battery Power State (UUID 0x2a1a)	x
Bluetooth GATT Attribute Battery Service (UUID 0x180f)	BT GATT Battery Service (UUID 0x180f)	x
Bluetooth GATT Attribute Binary Sensor (UUID 0x183b)	BT GATT Binary Sensor (UUID 0x183b)	x
Bluetooth GATT Attribute Blood Pressure (UUID 0x1810)	BT GATT Blood Pressure (UUID 0x1810)	x
Bluetooth GATT Attribute Blood Pressure Feature (UUID 0x2a49)	BT GATT Blood Pressure Feature (UUID 0x2a49)	x



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Bluetooth GATT Attribute Blood Pressure Measurement (UUID 0x2a35)	BT GATT Blood Pressure Measurement (UUID 0x2a35)	x
Bluetooth GATT Attribute Body Composition (UUID 0x181b)	BT GATT Body Composition (UUID 0x181b)	x
Bluetooth GATT Attribute Body Composition Feature (UUID 0x2a9b)	BT GATT Body Composition Feature (UUID 0x2a9b)	x
Bluetooth GATT Attribute Body Composition Measurement (UUID 0x2a9c)	BT GATT Body Composition Measurement (UUID 0x2a9c)	x
Bluetooth GATT Attribute Body Sensor Location (UUID 0x2a38)	BT GATT Body Sensor Location (UUID 0x2a38)	x
Bluetooth GATT Attribute Bond Management (UUID 0x181e)	BT GATT Bond Management (UUID 0x181e)	x
Bluetooth GATT Attribute Bond Management Control Point (UUID 0x2aa4)	BT GATT Bond Management Control Point (UUID 0x2aa4)	x
Bluetooth GATT Attribute Bond Management Feature (UUID 0x2aa5)	BT GATT Bond Management Feature (UUID 0x2aa5)	x
Bluetooth GATT Attribute Boolean (UUID 0x2ae2)	BT GATT Boolean (UUID 0x2ae2)	x
Bluetooth GATT Attribute Boot Keyboard Input Report (UUID 0x2a22)	BT GATT Boot Keyboard Input Report (UUID 0x2a22)	x
Bluetooth GATT Attribute Boot Keyboard Output Report (UUID 0x2a32)	BT GATT Boot Keyboard Output Report (UUID 0x2a32)	x
Bluetooth GATT Attribute Boot Mouse Input Report (UUID 0x2a33)	BT GATT Boot Mouse Input Report (UUID 0x2a33)	x
Bluetooth GATT Attribute BSS Control Point (UUID 0x2b2b)	BT GATT BSS Control Point (UUID 0x2b2b)	x
Bluetooth GATT Attribute BSS Response (UUID 0x2b2c)	BT GATT BSS Response (UUID 0x2b2c)	x
Bluetooth GATT Attribute Central Address Resolution (UUID 0x2aa6)	BT GATT Central Address Resolution (UUID 0x2aa6)	x
Bluetooth GATT Attribute CGM Feature (UUID 0x2aa8)	BT GATT CGM Feature (UUID 0x2aa8)	x
Bluetooth GATT Attribute CGM Measurement (UUID 0x2aa7)	BT GATT CGM Measurement (UUID 0x2aa7)	x
Bluetooth GATT Attribute CGM Session Run Time (UUID 0x2aab)	BT GATT CGM Session Run Time (UUID 0x2aab)	x
Bluetooth GATT Attribute CGM Session Start Time (UUID 0x2aaa)	BT GATT CGM Session Start Time (UUID 0x2aaa)	x
Bluetooth GATT Attribute CGM Specific Ops Control Point (UUID 0x2aac)	BT GATT CGM Specific Ops Control Point (UUID 0x2aac)	x
Bluetooth GATT Attribute CGM Status (UUID 0x2aa9)	BT GATT CGM Status (UUID 0x2aa9)	x
Bluetooth GATT Attribute Characteristic Aggregate Format (UUID 0x2905)	BT GATT Characteristic Aggregate Format (UUID 0x2905)	x

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Bluetooth GATT Attribute Characteristic Extended Properties (UUID 0x2900)	BT GATT Characteristic Extended Properties (UUID 0x2900)	x
Bluetooth GATT Attribute Characteristic Presentation Format (UUID 0x2904)	BT GATT Characteristic Presentation Format (UUID 0x2904)	x
Bluetooth GATT Attribute Characteristic User Description (UUID 0x2901)	BT GATT Characteristic User Description (UUID 0x2901)	x
Bluetooth GATT Attribute Chromatic Distance From Planckian (UUID 0x2ae3)	BT GATT Chromatic Distance From Planckian (UUID 0x2ae3)	x
Bluetooth GATT Attribute Chromaticity Coordinate (UUID 0x2b1c)	BT GATT Chromaticity Coordinate (UUID 0x2b1c)	x
Bluetooth GATT Attribute Chromaticity Coordinates (UUID 0x2ae4)	BT GATT Chromaticity Coordinates (UUID 0x2ae4)	x
Bluetooth GATT Attribute Chromaticity In CCT And Duv Values (UUID 0x2ae5)	BT GATT Chromaticity In CCT And Duv Values (UUID 0x2ae5)	x
Bluetooth GATT Attribute Chromaticity Tolerance (UUID 0x2ae6)	BT GATT Chromaticity Tolerance (UUID 0x2ae6)	x
Bluetooth GATT Attribute CIE 13.3-1995 Color Rendering Index (UUID 0x2ae7)	BT GATT CIE 13.3-1995 Color Rendering Index (UUID 0x2ae7)	x
Bluetooth GATT Attribute Client Characteristic Configuration (UUID 0x2902)	BT GATT Client Characteristic Configuration (UUID 0x2902)	x
Bluetooth GATT Attribute Client Supported Features (UUID 0x2b29)	BT GATT Client Supported Features (UUID 0x2b29)	x
Bluetooth GATT Attribute Coefficient (UUID 0x2ae8)	BT GATT Coefficient (UUID 0x2ae8)	x
Bluetooth GATT Attribute Continuous Glucose Monitoring (UUID 0x181f)	BT GATT Continuous Glucose Monitoring (UUID 0x181f)	x
Bluetooth GATT Attribute Correlated Color Temperature (UUID 0x2ae9)	BT GATT Correlated Color Temperature (UUID 0x2ae9)	x
Bluetooth GATT Attribute Count 16 (UUID 0x2aea)	BT GATT Count 16 (UUID 0x2aea)	x
Bluetooth GATT Attribute Count 24 (UUID 0x2aeb)	BT GATT Count 24 (UUID 0x2aeb)	x
Bluetooth GATT Attribute Country Code (UUID 0x2aec)	BT GATT Country Code (UUID 0x2aec)	x
Bluetooth GATT Attribute Cross Trainer Data (UUID 0x2ace)	BT GATT Cross Trainer Data (UUID 0x2ace)	x
Bluetooth GATT Attribute CSC Feature (UUID 0x2a5c)	BT GATT CSC Feature (UUID 0x2a5c)	x
Bluetooth GATT Attribute CSC Measurement (UUID 0x2a5b)	BT GATT CSC Measurement (UUID 0x2a5b)	x
Bluetooth GATT Attribute Current Time (UUID 0x2a2b)	BT GATT Current Time (UUID 0x2a2b)	x
Bluetooth GATT Attribute Current Time Service (UUID 0x1805)	BT GATT Current Time Service (UUID 0x1805)	x



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Bluetooth GATT Attribute Cycling Power (UUID 0x1818)	BT GATT Cycling Power (UUID 0x1818)	x
Bluetooth GATT Attribute Cycling Power Control Point (UUID 0x2a66)	BT GATT Cycling Power Control Point (UUID 0x2a66)	x
Bluetooth GATT Attribute Cycling Power Feature (UUID 0x2a65)	BT GATT Cycling Power Feature (UUID 0x2a65)	x
Bluetooth GATT Attribute Cycling Power Measurement (UUID 0x2a63)	BT GATT Cycling Power Measurement (UUID 0x2a63)	x
Bluetooth GATT Attribute Cycling Power Vector (UUID 0x2a64)	BT GATT Cycling Power Vector (UUID 0x2a64)	x
Bluetooth GATT Attribute Cycling Speed and Cadence (UUID 0x1816)	BT GATT Cycling Speed and Cadence (UUID 0x1816)	x
Bluetooth GATT Attribute Database Change Increment (UUID 0x2a99)	BT GATT Database Change Increment (UUID 0x2a99)	x
Bluetooth GATT Attribute Database Hash (UUID 0x2b2a)	BT GATT Database Hash (UUID 0x2b2a)	x
Bluetooth GATT Attribute Date of Birth (UUID 0x2a85)	BT GATT Date of Birth (UUID 0x2a85)	x
Bluetooth GATT Attribute Date of Threshold Assessment (UUID 0x2a86)	BT GATT Date of Threshold Assessment (UUID 0x2a86)	x
Bluetooth GATT Attribute Date Time (UUID 0x2a08)	BT GATT Date Time (UUID 0x2a08)	x
Bluetooth GATT Attribute Date UTC (UUID 0x2aed)	BT GATT Date UTC (UUID 0x2aed)	x
Bluetooth GATT Attribute Day Date Time (UUID 0x2a0a)	BT GATT Day Date Time (UUID 0x2a0a)	x
Bluetooth GATT Attribute Day of Week (UUID 0x2a09)	BT GATT Day of Week (UUID 0x2a09)	x
Bluetooth GATT Attribute Descriptor Value Changed (UUID 0x2a7d)	BT GATT Descriptor Value Changed (UUID 0x2a7d)	x
Bluetooth GATT Attribute Device Information (UUID 0x180a)	BT GATT Device Information (UUID 0x180a)	x
Bluetooth GATT Attribute Device Name (UUID 0x2a00)	BT GATT Device Name (UUID 0x2a00)	x
Bluetooth GATT Attribute Dew Point (UUID 0x2a7b)	BT GATT Dew Point (UUID 0x2a7b)	x
Bluetooth GATT Attribute Digital (UUID 0x2a56)	BT GATT Digital (UUID 0x2a56)	x
Bluetooth GATT Attribute Digital Output (UUID 0x2a57)	BT GATT Digital Output (UUID 0x2a57)	x
Bluetooth GATT Attribute DST Offset (UUID 0x2a0d)	BT GATT DST Offset (UUID 0x2a0d)	x
Bluetooth GATT Attribute Electric Current (UUID 0x2aee)	BT GATT Electric Current (UUID 0x2aee)	x

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Bluetooth GATT Attribute Electric Current Range (UUID 0x2aef)	BT GATT Electric Current Range (UUID 0x2aef)	x
Bluetooth GATT Attribute Electric Current Specification (UUID 0x2af0)	BT GATT Electric Current Specification (UUID 0x2af0)	x
Bluetooth GATT Attribute Electric Current Statistics (UUID 0x2af1)	BT GATT Electric Current Statistics (UUID 0x2af1)	x
Bluetooth GATT Attribute Elevation (UUID 0x2a6c)	BT GATT Elevation (UUID 0x2a6c)	x
Bluetooth GATT Attribute Email Address (UUID 0x2a87)	BT GATT Email Address (UUID 0x2a87)	x
Bluetooth GATT Attribute Emergency Configuration (UUID 0x183c)	BT GATT Emergency Configuration (UUID 0x183c)	x
Bluetooth GATT Attribute Emergency ID (UUID 0x2b2d)	BT GATT Emergency ID (UUID 0x2b2d)	x
Bluetooth GATT Attribute Emergency Text (UUID 0x2b2e)	BT GATT Emergency Text (UUID 0x2b2e)	x
Bluetooth GATT Attribute Energy (UUID 0x2af2)	BT GATT Energy (UUID 0x2af2)	x
Bluetooth GATT Attribute Energy In A Period Of Day (UUID 0x2af3)	BT GATT Energy In A Period Of Day (UUID 0x2af3)	x
Bluetooth GATT Attribute Environmental Sensing (UUID 0x181a)	BT GATT Environmental Sensing (UUID 0x181a)	x
Bluetooth GATT Attribute Environmental Sensing Configuration (UUID 0x290b)	BT GATT Environmental Sensing Configuration (UUID 0x290b)	x
Bluetooth GATT Attribute Environmental Sensing Measurement (UUID 0x290c)	BT GATT Environmental Sensing Measurement (UUID 0x290c)	x
Bluetooth GATT Attribute Environmental Sensing Trigger Setting (UUID 0x290d)	BT GATT Environmental Sensing Trigger Setting (UUID 0x290d)	x
Bluetooth GATT Attribute Event Statistics (UUID 0x2af4)	BT GATT Event Statistics (UUID 0x2af4)	x
Bluetooth GATT Attribute Exact Time 100 (UUID 0x2a0b)	BT GATT Exact Time 100 (UUID 0x2a0b)	x
Bluetooth GATT Attribute Exact Time 256 (UUID 0x2a0c)	BT GATT Exact Time 256 (UUID 0x2a0c)	x
Bluetooth GATT Attribute External Report Reference (UUID 0x2907)	BT GATT External Report Reference (UUID 0x2907)	x
Bluetooth GATT Attribute Fast IDentity Online Alliance - Universal Second Factor Authenticator Service (UUID 0xffffd)	BT GATT Fast IDentity Online Alliance - Universal Second Factor Authenticator Service (UUID 0xffffd)	x
Bluetooth GATT Attribute Fast IDentity Online Alliance (FIDO) - FIDO2 secure client-to-authenticator transport (UUID 0xffff9)	BT GATT Fast IDentity Online Alliance (FIDO) - FIDO2 secure client-to-authenticator transport (UUID 0xffff9)	x
Bluetooth GATT Attribute Fat Burn Heart Rate Lower Limit (UUID 0x2a88)	BT GATT Fat Burn Heart Rate Lower Limit (UUID 0x2a88)	x
Bluetooth GATT Attribute Fat Burn Heart Rate Upper Limit (UUID 0x2a89)	BT GATT Fat Burn Heart Rate Upper Limit (UUID 0x2a89)	x



Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Firmware Revision String (UUID 0x2a26)	BT GATT Firmware Revision String (UUID 0x2a26)	x
Bluetooth GATT Attribute First Name (UUID 0x2a8a)	BT GATT First Name (UUID 0x2a8a)	x
Bluetooth GATT Attribute Fitness Machine (UUID 0x1826)	BT GATT Fitness Machine (UUID 0x1826)	x
Bluetooth GATT Attribute Fitness Machine Control Point (UUID 0x2ad9)	BT GATT Fitness Machine Control Point (UUID 0x2ad9)	x
Bluetooth GATT Attribute Fitness Machine Feature (UUID 0x2acc)	BT GATT Fitness Machine Feature (UUID 0x2acc)	x
Bluetooth GATT Attribute Fitness Machine Status (UUID 0x2ada)	BT GATT Fitness Machine Status (UUID 0x2ada)	x
Bluetooth GATT Attribute Five Zone Heart Rate Limits (UUID 0x2a8b)	BT GATT Five Zone Heart Rate Limits (UUID 0x2a8b)	x
Bluetooth GATT Attribute Fixed String 16 (UUID 0x2af5)	BT GATT Fixed String 16 (UUID 0x2af5)	x
Bluetooth GATT Attribute Fixed String 24 (UUID 0x2af6)	BT GATT Fixed String 24 (UUID 0x2af6)	x
Bluetooth GATT Attribute Fixed String 36 (UUID 0x2af7)	BT GATT Fixed String 36 (UUID 0x2af7)	x
Bluetooth GATT Attribute Fixed String 8 (UUID 0x2af8)	BT GATT Fixed String 8 (UUID 0x2af8)	x
Bluetooth GATT Attribute Floor Number (UUID 0x2ab2)	BT GATT Floor Number (UUID 0x2ab2)	x
Bluetooth GATT Attribute GATT Characteristic Declaration (UUID 0x2803)	BT GATT GATT Characteristic Declaration (UUID 0x2803)	x
Bluetooth GATT Attribute GATT Include Declaration (UUID 0x2802)	BT GATT GATT Include Declaration (UUID 0x2802)	x
Bluetooth GATT Attribute GATT Primary Service Declaration (UUID 0x2800)	BT GATT GATT Primary Service Declaration (UUID 0x2800)	x
Bluetooth GATT Attribute GATT Secondary Service Declaration (UUID 0x2801)	BT GATT GATT Secondary Service Declaration (UUID 0x2801)	x
Bluetooth GATT Attribute Gender (UUID 0x2a8c)	BT GATT Gender (UUID 0x2a8c)	x
Bluetooth GATT Attribute Generic Access Profile (UUID 0x1800)	BT GATT Generic Access Profile (UUID 0x1800)	x
Bluetooth GATT Attribute Generic Attribute Profile (UUID 0x1801)	BT GATT Generic Attribute Profile (UUID 0x1801)	x
Bluetooth GATT Attribute Generic Level (UUID 0x2af9)	BT GATT Generic Level (UUID 0x2af9)	x
Bluetooth GATT Attribute Global Trade Item Number (UUID 0x2afa)	BT GATT Global Trade Item Number (UUID 0x2afa)	x
Bluetooth GATT Attribute Glucose (UUID 0x1808)	BT GATT Glucose (UUID 0x1808)	x
Bluetooth GATT Attribute Glucose Feature (UUID 0x2a51)	BT GATT Glucose Feature (UUID 0x2a51)	x

Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Glucose Measurement (UUID 0x2a18)	BT GATT Glucose Measurement (UUID 0x2a18)	x
Bluetooth GATT Attribute Glucose Measurement Context (UUID 0x2a34)	BT GATT Glucose Measurement Context (UUID 0x2a34)	x
Bluetooth GATT Attribute Gust Factor (UUID 0x2a74)	BT GATT Gust Factor (UUID 0x2a74)	x
Bluetooth GATT Attribute Hardware Revision String (UUID 0x2a27)	BT GATT Hardware Revision String (UUID 0x2a27)	x
Bluetooth GATT Attribute Health Thermometer (UUID 0x1809)	BT GATT Health Thermometer (UUID 0x1809)	x
Bluetooth GATT Attribute Heart Rate (UUID 0x180d)	BT GATT Heart Rate (UUID 0x180d)	x
Bluetooth GATT Attribute Heart Rate Control Point (UUID 0x2a39)	BT GATT Heart Rate Control Point (UUID 0x2a39)	x
Bluetooth GATT Attribute Heart Rate Max (UUID 0x2a8d)	BT GATT Heart Rate Max (UUID 0x2a8d)	x
Bluetooth GATT Attribute Heart Rate Measurement (UUID 0x2a37)	BT GATT Heart Rate Measurement (UUID 0x2a37)	x
Bluetooth GATT Attribute Heat Index (UUID 0x2a7a)	BT GATT Heat Index (UUID 0x2a7a)	x
Bluetooth GATT Attribute Height (UUID 0x2a8e)	BT GATT Height (UUID 0x2a8e)	x
Bluetooth GATT Attribute HID Control Point (UUID 0x2a4c)	BT GATT HID Control Point (UUID 0x2a4c)	x
Bluetooth GATT Attribute HID Information (UUID 0x2a4a)	BT GATT HID Information (UUID 0x2a4a)	x
Bluetooth GATT Attribute Hip Circumference (UUID 0x2a8f)	BT GATT Hip Circumference (UUID 0x2a8f)	x
Bluetooth GATT Attribute HTTP Control Point (UUID 0x2aba)	BT GATT HTTP Control Point (UUID 0x2aba)	x
Bluetooth GATT Attribute HTTP Entity Body (UUID 0x2ab9)	BT GATT HTTP Entity Body (UUID 0x2ab9)	x
Bluetooth GATT Attribute HTTP Headers (UUID 0x2ab7)	BT GATT HTTP Headers (UUID 0x2ab7)	x
Bluetooth GATT Attribute HTTP Proxy (UUID 0x1823)	BT GATT HTTP Proxy (UUID 0x1823)	x
Bluetooth GATT Attribute HTTP Status Code (UUID 0x2ab8)	BT GATT HTTP Status Code (UUID 0x2ab8)	x
Bluetooth GATT Attribute HTTPS Security (UUID 0x2abb)	BT GATT HTTPS Security (UUID 0x2abb)	x
Bluetooth GATT Attribute Human Interface Device (UUID 0x1812)	BT GATT Human Interface Device (UUID 0x1812)	x
Bluetooth GATT Attribute Humidity (UUID 0x2a6f)	BT GATT Humidity (UUID 0x2a6f)	x
Bluetooth GATT Attribute IDD Annunciation Status (UUID 0x2b22)	BT GATT IDD Annunciation Status (UUID 0x2b22)	x



Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute IDD Command Control Point (UUID 0x2b25)	BT GATT IDD Command Control Point (UUID 0x2b25)	x
Bluetooth GATT Attribute IDD Command Data (UUID 0x2b26)	BT GATT IDD Command Data (UUID 0x2b26)	x
Bluetooth GATT Attribute IDD Features (UUID 0x2b23)	BT GATT IDD Features (UUID 0x2b23)	x
Bluetooth GATT Attribute IDD History Data (UUID 0x2b28)	BT GATT IDD History Data (UUID 0x2b28)	x
Bluetooth GATT Attribute IDD Record Access Control Point (UUID 0x2b27)	BT GATT IDD Record Access Control Point (UUID 0x2b27)	x
Bluetooth GATT Attribute IDD Status (UUID 0x2b21)	BT GATT IDD Status (UUID 0x2b21)	x
Bluetooth GATT Attribute IDD Status Changed (UUID 0x2b20)	BT GATT IDD Status Changed (UUID 0x2b20)	x
Bluetooth GATT Attribute IDD Status Reader Control Point (UUID 0x2b24)	BT GATT IDD Status Reader Control Point (UUID 0x2b24)	x
Bluetooth GATT Attribute IEEE 11073-20601 Regulatory Certification Data List (UUID 0x2a2a)	BT GATT IEEE 11073-20601 Regulatory Certification Data List (UUID 0x2a2a)	x
Bluetooth GATT Attribute Illuminance (UUID 0x2afb)	BT GATT Illuminance (UUID 0x2afb)	x
Bluetooth GATT Attribute Immediate Alert (UUID 0x1802)	BT GATT Immediate Alert (UUID 0x1802)	x
Bluetooth GATT Attribute Indoor Bike Data (UUID 0x2ad2)	BT GATT Indoor Bike Data (UUID 0x2ad2)	x
Bluetooth GATT Attribute Indoor Positioning (UUID 0x1821)	BT GATT Indoor Positioning (UUID 0x1821)	x
Bluetooth GATT Attribute Indoor Positioning Configuration (UUID 0x2aad)	BT GATT Indoor Positioning Configuration (UUID 0x2aad)	x
Bluetooth GATT Attribute Insulin Delivery (UUID 0x183a)	BT GATT Insulin Delivery (UUID 0x183a)	x
Bluetooth GATT Attribute Intermediate Cuff Pressure (UUID 0x2a36)	BT GATT Intermediate Cuff Pressure (UUID 0x2a36)	x
Bluetooth GATT Attribute Intermediate Temperature (UUID 0x2a1e)	BT GATT Intermediate Temperature (UUID 0x2a1e)	x
Bluetooth GATT Attribute Internet Protocol Support (UUID 0x1820)	BT GATT Internet Protocol Support (UUID 0x1820)	x
Bluetooth GATT Attribute Irradiance (UUID 0x2a77)	BT GATT Irradiance (UUID 0x2a77)	x
Bluetooth GATT Attribute Language (UUID 0x2aa2)	BT GATT Language (UUID 0x2aa2)	x
Bluetooth GATT Attribute Last Name (UUID 0x2a90)	BT GATT Last Name (UUID 0x2a90)	x
Bluetooth GATT Attribute Latitude (UUID 0x2aae)	BT GATT Latitude (UUID 0x2aae)	x

Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Link Loss (UUID 0x1803)	BT GATT Link Loss (UUID 0x1803)	x
Bluetooth GATT Attribute LN Control Point (UUID 0x2a6b)	BT GATT LN Control Point (UUID 0x2a6b)	x
Bluetooth GATT Attribute LN Feature (UUID 0x2a6a)	BT GATT LN Feature (UUID 0x2a6a)	x
Bluetooth GATT Attribute Local East Coordinate (UUID 0x2ab1)	BT GATT Local East Coordinate (UUID 0x2ab1)	x
Bluetooth GATT Attribute Local North Coordinate (UUID 0x2ab0)	BT GATT Local North Coordinate (UUID 0x2ab0)	x
Bluetooth GATT Attribute Local Time Information (UUID 0x2a0f)	BT GATT Local Time Information (UUID 0x2a0f)	x
Bluetooth GATT Attribute Location and Navigation (UUID 0x1819)	BT GATT Location and Navigation (UUID 0x1819)	x
Bluetooth GATT Attribute Location and Speed (UUID 0x2a67)	BT GATT Location and Speed (UUID 0x2a67)	x
Bluetooth GATT Attribute Location Name (UUID 0x2ab5)	BT GATT Location Name (UUID 0x2ab5)	x
Bluetooth GATT Attribute Longitude (UUID 0x2aaf)	BT GATT Longitude (UUID 0x2aaf)	x
Bluetooth GATT Attribute Luminous Efficacy (UUID 0x2afc)	BT GATT Luminous Efficacy (UUID 0x2afc)	x
Bluetooth GATT Attribute Luminous Energy (UUID 0x2afd)	BT GATT Luminous Energy (UUID 0x2afd)	x
Bluetooth GATT Attribute Luminous Exposure (UUID 0x2afe)	BT GATT Luminous Exposure (UUID 0x2afe)	x
Bluetooth GATT Attribute Luminous Flux (UUID 0x2aff)	BT GATT Luminous Flux (UUID 0x2aff)	x
Bluetooth GATT Attribute Luminous Flux Range (UUID 0x2b00)	BT GATT Luminous Flux Range (UUID 0x2b00)	x
Bluetooth GATT Attribute Luminous Intensity (UUID 0x2b01)	BT GATT Luminous Intensity (UUID 0x2b01)	x
Bluetooth GATT Attribute Magnetic Declination (UUID 0x2a2c)	BT GATT Magnetic Declination (UUID 0x2a2c)	x
Bluetooth GATT Attribute Magnetic Flux Density - 2D (UUID 0x2aa0)	BT GATT Magnetic Flux Density - 2D (UUID 0x2aa0)	x
Bluetooth GATT Attribute Magnetic Flux Density - 3D (UUID 0x2aa1)	BT GATT Magnetic Flux Density - 3D (UUID 0x2aa1)	x
Bluetooth GATT Attribute Manufacturer Name String (UUID 0x2a29)	BT GATT Manufacturer Name String (UUID 0x2a29)	x
Bluetooth GATT Attribute Mass Flow (UUID 0x2b02)	BT GATT Mass Flow (UUID 0x2b02)	x
Bluetooth GATT Attribute Maximum Recommended Heart Rate (UUID 0x2a91)	BT GATT Maximum Recommended Heart Rate (UUID 0x2a91)	x



Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Measurement Interval (UUID 0x2a21)	BT GATT Measurement Interval (UUID 0x2a21)	x
Bluetooth GATT Attribute Mesh Provisioning Data In (UUID 0x2adb)	BT GATT Mesh Provisioning Data In (UUID 0x2adb)	x
Bluetooth GATT Attribute Mesh Provisioning Data Out (UUID 0x2adc)	BT GATT Mesh Provisioning Data Out (UUID 0x2adc)	x
Bluetooth GATT Attribute Mesh Provisioning Service (UUID 0x1827)	BT GATT Mesh Provisioning Service (UUID 0x1827)	x
Bluetooth GATT Attribute Mesh Proxy Data In (UUID 0x2add)	BT GATT Mesh Proxy Data In (UUID 0x2add)	x
Bluetooth GATT Attribute Mesh Proxy Data Out (UUID 0x2ade)	BT GATT Mesh Proxy Data Out (UUID 0x2ade)	x
Bluetooth GATT Attribute Mesh Proxy Service (UUID 0x1828)	BT GATT Mesh Proxy Service (UUID 0x1828)	x
Bluetooth GATT Attribute Model Number String (UUID 0x2a24)	BT GATT Model Number String (UUID 0x2a24)	x
Bluetooth GATT Attribute Mopria Alliance - Mopria Alliance BLE Service (UUID 0xffff8)	BT GATT Mopria Alliance - Mopria Alliance BLE Service (UUID 0xffff8)	x
Bluetooth GATT Attribute Navigation (UUID 0x2a68)	BT GATT Navigation (UUID 0x2a68)	x
Bluetooth GATT Attribute Network Availability (UUID 0x2a3e)	BT GATT Network Availability (UUID 0x2a3e)	x
Bluetooth GATT Attribute New Alert (UUID 0x2a46)	BT GATT New Alert (UUID 0x2a46)	x
Bluetooth GATT Attribute Next DST Change Service (UUID 0x1807)	BT GATT Next DST Change Service (UUID 0x1807)	x
Bluetooth GATT Attribute Number of Digitals (UUID 0x2909)	BT GATT Number of Digitals (UUID 0x2909)	x
Bluetooth GATT Attribute Object Action Control Point (UUID 0x2ac5)	BT GATT Object Action Control Point (UUID 0x2ac5)	x
Bluetooth GATT Attribute Object Changed (UUID 0x2ac8)	BT GATT Object Changed (UUID 0x2ac8)	x
Bluetooth GATT Attribute Object First-Created (UUID 0x2ac1)	BT GATT Object First-Created (UUID 0x2ac1)	x
Bluetooth GATT Attribute Object ID (UUID 0x2ac3)	BT GATT Object ID (UUID 0x2ac3)	x
Bluetooth GATT Attribute Object Last-Modified (UUID 0x2ac2)	BT GATT Object Last-Modified (UUID 0x2ac2)	x
Bluetooth GATT Attribute Object List Control Point (UUID 0x2ac6)	BT GATT Object List Control Point (UUID 0x2ac6)	x
Bluetooth GATT Attribute Object List Filter (UUID 0x2ac7)	BT GATT Object List Filter (UUID 0x2ac7)	x
Bluetooth GATT Attribute Object Name (UUID 0x2abe)	BT GATT Object Name (UUID 0x2abe)	x



Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Object Properties (UUID 0x2ac4)	BT GATT Object Properties (UUID 0x2ac4)	x
Bluetooth GATT Attribute Object Size (UUID 0x2ac0)	BT GATT Object Size (UUID 0x2ac0)	x
Bluetooth GATT Attribute Object Transfer (UUID 0x1825)	BT GATT Object Transfer (UUID 0x1825)	x
Bluetooth GATT Attribute Object Type (UUID 0x2abf)	BT GATT Object Type (UUID 0x2abf)	x
Bluetooth GATT Attribute OTS Feature (UUID 0x2abd)	BT GATT OTS Feature (UUID 0x2abd)	x
Bluetooth GATT Attribute Perceived Lightness (UUID 0x2b03)	BT GATT Perceived Lightness (UUID 0x2b03)	x
Bluetooth GATT Attribute Percentage 8 (UUID 0x2b04)	BT GATT Percentage 8 (UUID 0x2b04)	x
Bluetooth GATT Attribute Peripheral Preferred Connection Parameters (UUID 0x2a04)	BT GATT Peripheral Preferred Connection Parameters (UUID 0x2a04)	x
Bluetooth GATT Attribute Peripheral Privacy Flag (UUID 0x2a02)	BT GATT Peripheral Privacy Flag (UUID 0x2a02)	x
Bluetooth GATT Attribute Phone Alert Status Service (UUID 0x180e)	BT GATT Phone Alert Status Service (UUID 0x180e)	x
Bluetooth GATT Attribute PLX Continuous Measurement (UUID 0x2a5f)	BT GATT PLX Continuous Measurement (UUID 0x2a5f)	x
Bluetooth GATT Attribute PLX Features (UUID 0x2a60)	BT GATT PLX Features (UUID 0x2a60)	x
Bluetooth GATT Attribute PLX Spot-Check Measurement (UUID 0x2a5e)	BT GATT PLX Spot-Check Measurement (UUID 0x2a5e)	x
Bluetooth GATT Attribute PnP ID (UUID 0x2a50)	BT GATT PnP ID (UUID 0x2a50)	x
Bluetooth GATT Attribute Pollen Concentration (UUID 0x2a75)	BT GATT Pollen Concentration (UUID 0x2a75)	x
Bluetooth GATT Attribute Position 2D (UUID 0x2a2f)	BT GATT Position 2D (UUID 0x2a2f)	x
Bluetooth GATT Attribute Position 3D (UUID 0x2a30)	BT GATT Position 3D (UUID 0x2a30)	x
Bluetooth GATT Attribute Position Quality (UUID 0x2a69)	BT GATT Position Quality (UUID 0x2a69)	x
Bluetooth GATT Attribute Power (UUID 0x2b05)	BT GATT Power (UUID 0x2b05)	x
Bluetooth GATT Attribute Power Specification (UUID 0x2b06)	BT GATT Power Specification (UUID 0x2b06)	x
Bluetooth GATT Attribute Pressure (UUID 0x2a6d)	BT GATT Pressure (UUID 0x2a6d)	x
Bluetooth GATT Attribute Protocol	BT GATT	x
Bluetooth GATT Attribute Protocol Mode (UUID 0x2a4e)	BT GATT Protocol Mode (UUID 0x2a4e)	x



Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Pulse Oximeter (UUID 0x1822)	BT GATT Pulse Oximeter (UUID 0x1822)	x
Bluetooth GATT Attribute Pulse Oximetry Control Point (UUID 0x2a62)	BT GATT Pulse Oximetry Control Point (UUID 0x2a62)	x
Bluetooth GATT Attribute Rainfall (UUID 0x2a78)	BT GATT Rainfall (UUID 0x2a78)	x
Bluetooth GATT Attribute Reconnection Address (UUID 0x2a03)	BT GATT Reconnection Address (UUID 0x2a03)	x
Bluetooth GATT Attribute Reconnection Configuration (UUID 0x1829)	BT GATT Reconnection Configuration (UUID 0x1829)	x
Bluetooth GATT Attribute Reconnection Configuration Control Point (UUID 0x2b1f)	BT GATT Reconnection Configuration Control Point (UUID 0x2b1f)	x
Bluetooth GATT Attribute Reconnection Configuration Feature (UUID 0x2b1d)	BT GATT Reconnection Configuration Feature (UUID 0x2b1d)	x
Bluetooth GATT Attribute Reconnection Configuration Settings (UUID 0x2b1e)	BT GATT Reconnection Configuration Settings (UUID 0x2b1e)	x
Bluetooth GATT Attribute Record Access Control Point (UUID 0x2a52)	BT GATT Record Access Control Point (UUID 0x2a52)	x
Bluetooth GATT Attribute Reference Time Information (UUID 0x2a14)	BT GATT Reference Time Information (UUID 0x2a14)	x
Bluetooth GATT Attribute Reference Time Update Service (UUID 0x1806)	BT GATT Reference Time Update Service (UUID 0x1806)	x
Bluetooth GATT Attribute Registered User Characteristic (UUID 0x2b37)	BT GATT Registered User Characteristic (UUID 0x2b37)	x
Bluetooth GATT Attribute Relative Runtime In A Current Range (UUID 0x2b07)	BT GATT Relative Runtime In A Current Range (UUID 0x2b07)	x
Bluetooth GATT Attribute Relative Runtime In A Generic Level Range (UUID 0x2b08)	BT GATT Relative Runtime In A Generic Level Range (UUID 0x2b08)	x
Bluetooth GATT Attribute Relative Value In A Period of Day (UUID 0x2b0b)	BT GATT Relative Value In A Period of Day (UUID 0x2b0b)	x
Bluetooth GATT Attribute Relative Value In A Temperature Range (UUID 0x2b0c)	BT GATT Relative Value In A Temperature Range (UUID 0x2b0c)	x
Bluetooth GATT Attribute Relative Value In A Voltage Range (UUID 0x2b09)	BT GATT Relative Value In A Voltage Range (UUID 0x2b09)	x
Bluetooth GATT Attribute Relative Value In An Illuminance Range (UUID 0x2b0a)	BT GATT Relative Value In An Illuminance Range (UUID 0x2b0a)	x
Bluetooth GATT Attribute Removable (UUID 0x2a3a)	BT GATT Removable (UUID 0x2a3a)	x
Bluetooth GATT Attribute Report (UUID 0x2a4d)	BT GATT Report (UUID 0x2a4d)	x
Bluetooth GATT Attribute Report Map (UUID 0x2a4b)	BT GATT Report Map (UUID 0x2a4b)	x
Bluetooth GATT Attribute Report Reference (UUID 0x2908)	BT GATT Report Reference (UUID 0x2908)	x
Bluetooth GATT Attribute Resolvable Private Address Only (UUID 0x2ac9)	BT GATT Resolvable Private Address Only (UUID 0x2ac9)	x

Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Resting Heart Rate (UUID 0x2a92)	BT GATT Resting Heart Rate (UUID 0x2a92)	x
Bluetooth GATT Attribute Ringer Control Point (UUID 0x2a40)	BT GATT Ringer Control Point (UUID 0x2a40)	x
Bluetooth GATT Attribute Ringer Setting (UUID 0x2a41)	BT GATT Ringer Setting (UUID 0x2a41)	x
Bluetooth GATT Attribute Rower Data (UUID 0x2ad1)	BT GATT Rower Data (UUID 0x2ad1)	x
Bluetooth GATT Attribute RSC Feature (UUID 0x2a54)	BT GATT RSC Feature (UUID 0x2a54)	x
Bluetooth GATT Attribute RSC Measurement (UUID 0x2a53)	BT GATT RSC Measurement (UUID 0x2a53)	x
Bluetooth GATT Attribute Running Speed and Cadence (UUID 0x1814)	BT GATT Running Speed and Cadence (UUID 0x1814)	x
Bluetooth GATT Attribute SC Control Point (UUID 0x2a55)	BT GATT SC Control Point (UUID 0x2a55)	x
Bluetooth GATT Attribute Scan Interval Window (UUID 0x2a4f)	BT GATT Scan Interval Window (UUID 0x2a4f)	x
Bluetooth GATT Attribute Scan Parameters (UUID 0x1813)	BT GATT Scan Parameters (UUID 0x1813)	x
Bluetooth GATT Attribute Scan Refresh (UUID 0x2a31)	BT GATT Scan Refresh (UUID 0x2a31)	x
Bluetooth GATT Attribute Scientific Temperature Celsius (UUID 0x2a3c)	BT GATT Scientific Temperature Celsius (UUID 0x2a3c)	x
Bluetooth GATT Attribute Secondary Time Zone (UUID 0x2a10)	BT GATT Secondary Time Zone (UUID 0x2a10)	x
Bluetooth GATT Attribute Sensor Location (UUID 0x2a5d)	BT GATT Sensor Location (UUID 0x2a5d)	x
Bluetooth GATT Attribute Serial Number String (UUID 0x2a25)	BT GATT Serial Number String (UUID 0x2a25)	x
Bluetooth GATT Attribute Server Characteristic Configuration (UUID 0x2903)	BT GATT Server Characteristic Configuration (UUID 0x2903)	x
Bluetooth GATT Attribute Server Supported Features (UUID 0x2b3a)	BT GATT Server Supported Features (UUID 0x2b3a)	x
Bluetooth GATT Attribute Service Changed (UUID 0x2a05)	BT GATT Service Changed (UUID 0x2a05)	x
Bluetooth GATT Attribute Service Required (UUID 0x2a3b)	BT GATT Service Required (UUID 0x2a3b)	x
Bluetooth GATT Attribute Software Revision String (UUID 0x2a28)	BT GATT Software Revision String (UUID 0x2a28)	x
Bluetooth GATT Attribute Sport Type for Aerobic and Anaerobic Thresholds (UUID 0x2a93)	BT GATT Sport Type for Aerobic and Anaerobic Thresholds (UUID 0x2a93)	x
Bluetooth GATT Attribute Stair Climber Data (UUID 0x2ad0)	BT GATT Stair Climber Data (UUID 0x2ad0)	x



Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Step Climber Data (UUID 0x2acf)	BT GATT Step Climber Data (UUID 0x2acf)	x
Bluetooth GATT Attribute String (UUID 0x2a3d)	BT GATT String (UUID 0x2a3d)	x
Bluetooth GATT Attribute Supported Heart Rate Range (UUID 0x2ad7)	BT GATT Supported Heart Rate Range (UUID 0x2ad7)	x
Bluetooth GATT Attribute Supported Inclination Range (UUID 0x2ad5)	BT GATT Supported Inclination Range (UUID 0x2ad5)	x
Bluetooth GATT Attribute Supported New Alert Category (UUID 0x2a47)	BT GATT Supported New Alert Category (UUID 0x2a47)	x
Bluetooth GATT Attribute Supported Power Range (UUID 0x2ad8)	BT GATT Supported Power Range (UUID 0x2ad8)	x
Bluetooth GATT Attribute Supported Resistance Level Range (UUID 0x2ad6)	BT GATT Supported Resistance Level Range (UUID 0x2ad6)	x
Bluetooth GATT Attribute Supported Speed Range (UUID 0x2ad4)	BT GATT Supported Speed Range (UUID 0x2ad4)	x
Bluetooth GATT Attribute Supported Unread Alert Category (UUID 0x2a48)	BT GATT Supported Unread Alert Category (UUID 0x2a48)	x
Bluetooth GATT Attribute System ID (UUID 0x2a23)	BT GATT System ID (UUID 0x2a23)	x
Bluetooth GATT Attribute TDS Control Point (UUID 0x2abc)	BT GATT TDS Control Point (UUID 0x2abc)	x
Bluetooth GATT Attribute Temperature (UUID 0x2a6e)	BT GATT Temperature (UUID 0x2a6e)	x
Bluetooth GATT Attribute Temperature 8 (UUID 0x2b0d)	BT GATT Temperature 8 (UUID 0x2b0d)	x
Bluetooth GATT Attribute Temperature 8 In A Period Of Day (UUID 0x2b0e)	BT GATT Temperature 8 In A Period Of Day (UUID 0x2b0e)	x
Bluetooth GATT Attribute Temperature 8 Statistics (UUID 0x2b0f)	BT GATT Temperature 8 Statistics (UUID 0x2b0f)	x
Bluetooth GATT Attribute Temperature Celsius (UUID 0x2a1f)	BT GATT Temperature Celsius (UUID 0x2a1f)	x
Bluetooth GATT Attribute Temperature Fahrenheit (UUID 0x2a20)	BT GATT Temperature Fahrenheit (UUID 0x2a20)	x
Bluetooth GATT Attribute Temperature Measurement (UUID 0x2a1c)	BT GATT Temperature Measurement (UUID 0x2a1c)	x
Bluetooth GATT Attribute Temperature Range (UUID 0x2b10)	BT GATT Temperature Range (UUID 0x2b10)	x
Bluetooth GATT Attribute Temperature Statistics (UUID 0x2b11)	BT GATT Temperature Statistics (UUID 0x2b11)	x
Bluetooth GATT Attribute Temperature Type (UUID 0x2a1d)	BT GATT Temperature Type (UUID 0x2a1d)	x
Bluetooth GATT Attribute Thread Group, Inc. - Direct Thread Commissioning (UUID 0xffffb)	BT GATT Thread Group, Inc. - Direct Thread Commissioning (UUID 0xffffb)	x



Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Three Zone Heart Rate Limits (UUID 0x2a94)	BT GATT Three Zone Heart Rate Limits (UUID 0x2a94)	x
Bluetooth GATT Attribute Time Accuracy (UUID 0x2a12)	BT GATT Time Accuracy (UUID 0x2a12)	x
Bluetooth GATT Attribute Time Broadcast (UUID 0x2a15)	BT GATT Time Broadcast (UUID 0x2a15)	x
Bluetooth GATT Attribute Time Decihour 8 (UUID 0x2b12)	BT GATT Time Decihour 8 (UUID 0x2b12)	x
Bluetooth GATT Attribute Time Exponential 8 (UUID 0x2b13)	BT GATT Time Exponential 8 (UUID 0x2b13)	x
Bluetooth GATT Attribute Time Hour 24 (UUID 0x2b14)	BT GATT Time Hour 24 (UUID 0x2b14)	x
Bluetooth GATT Attribute Time Millisecond 24 (UUID 0x2b15)	BT GATT Time Millisecond 24 (UUID 0x2b15)	x
Bluetooth GATT Attribute Time Second 16 (UUID 0x2b16)	BT GATT Time Second 16 (UUID 0x2b16)	x
Bluetooth GATT Attribute Time Second 8 (UUID 0x2b17)	BT GATT Time Second 8 (UUID 0x2b17)	x
Bluetooth GATT Attribute Time Source (UUID 0x2a13)	BT GATT Time Source (UUID 0x2a13)	x
Bluetooth GATT Attribute Time Trigger Setting (UUID 0x290e)	BT GATT Time Trigger Setting (UUID 0x290e)	x
Bluetooth GATT Attribute Time Update Control Point (UUID 0x2a16)	BT GATT Time Update Control Point (UUID 0x2a16)	x
Bluetooth GATT Attribute Time Update State (UUID 0x2a17)	BT GATT Time Update State (UUID 0x2a17)	x
Bluetooth GATT Attribute Time with DST (UUID 0x2a11)	BT GATT Time with DST (UUID 0x2a11)	x
Bluetooth GATT Attribute Time Zone (UUID 0x2a0e)	BT GATT Time Zone (UUID 0x2a0e)	x
Bluetooth GATT Attribute Training Status (UUID 0x2ad3)	BT GATT Training Status (UUID 0x2ad3)	x
Bluetooth GATT Attribute Transport Discovery (UUID 0x1824)	BT GATT Transport Discovery (UUID 0x1824)	x
Bluetooth GATT Attribute Treadmill Data (UUID 0x2acd)	BT GATT Treadmill Data (UUID 0x2acd)	x
Bluetooth GATT Attribute True Wind Direction (UUID 0x2a71)	BT GATT True Wind Direction (UUID 0x2a71)	x
Bluetooth GATT Attribute True Wind Speed (UUID 0x2a70)	BT GATT True Wind Speed (UUID 0x2a70)	x
Bluetooth GATT Attribute Two Zone Heart Rate Limit (UUID 0x2a95)	BT GATT Two Zone Heart Rate Limit (UUID 0x2a95)	x
Bluetooth GATT Attribute Tx Power (UUID 0x1804)	BT GATT Tx Power (UUID 0x1804)	x



Soluções de Vanguarda em Segurança da Informação

Bluetooth GATT Attribute Tx Power Level (UUID 0x2a07)	BT GATT Tx Power Level (UUID 0x2a07)	x
Bluetooth GATT Attribute Uncertainty (UUID 0x2ab4)	BT GATT Uncertainty (UUID 0x2ab4)	x
Bluetooth GATT Attribute Unread Alert Status (UUID 0x2a45)	BT GATT Unread Alert Status (UUID 0x2a45)	x
Bluetooth GATT Attribute URI (UUID 0x2ab6)	BT GATT URI (UUID 0x2ab6)	x
Bluetooth GATT Attribute User Control Point (UUID 0x2a9f)	BT GATT User Control Point (UUID 0x2a9f)	x
Bluetooth GATT Attribute User Data (UUID 0x181c)	BT GATT User Data (UUID 0x181c)	x
Bluetooth GATT Attribute User Index (UUID 0x2a9a)	BT GATT User Index (UUID 0x2a9a)	x
Bluetooth GATT Attribute UV Index (UUID 0x2a76)	BT GATT UV Index (UUID 0x2a76)	x
Bluetooth GATT Attribute Valid Range (UUID 0x2906)	BT GATT Valid Range (UUID 0x2906)	x
Bluetooth GATT Attribute Value Trigger Setting (UUID 0x290a)	BT GATT Value Trigger Setting (UUID 0x290a)	x
Bluetooth GATT Attribute VO2 Max (UUID 0x2a96)	BT GATT VO2 Max (UUID 0x2a96)	x
Bluetooth GATT Attribute Voltage (UUID 0x2b18)	BT GATT Voltage (UUID 0x2b18)	x
Bluetooth GATT Attribute Voltage Specification (UUID 0x2b19)	BT GATT Voltage Specification (UUID 0x2b19)	x
Bluetooth GATT Attribute Voltage Statistics (UUID 0x2b1a)	BT GATT Voltage Statistics (UUID 0x2b1a)	x
Bluetooth GATT Attribute Volume Flow (UUID 0x2b1b)	BT GATT Volume Flow (UUID 0x2b1b)	x
Bluetooth GATT Attribute Waist Circumference (UUID 0x2a97)	BT GATT Waist Circumference (UUID 0x2a97)	x
Bluetooth GATT Attribute Weight (UUID 0x2a98)	BT GATT Weight (UUID 0x2a98)	x
Bluetooth GATT Attribute Weight Measurement (UUID 0x2a9d)	BT GATT Weight Measurement (UUID 0x2a9d)	x
Bluetooth GATT Attribute Weight Scale (UUID 0x181d)	BT GATT Weight Scale (UUID 0x181d)	x
Bluetooth GATT Attribute Weight Scale Feature (UUID 0x2a9e)	BT GATT Weight Scale Feature (UUID 0x2a9e)	x
Bluetooth GATT Attribute Wind Chill (UUID 0x2a79)	BT GATT Wind Chill (UUID 0x2a79)	x
Bluetooth GNSS Profile	BT GNSS	x
Bluetooth HCI ACL Packet	HCI_ACL	x
Bluetooth HCI Command	HCI_CMD	x
Bluetooth HCI Event	HCI_EVT	x
Bluetooth HCI H1	HCI_H1	x

Soluções de Vanguarda em Segurança da Informação

Bluetooth HCI H4	HCI_H4	x
Bluetooth HCI ISO Packet	HCI_ISO	x
Bluetooth HCI SCO Packet	HCI_SCO	x
Bluetooth HCI USB Transport	HCI_USB	x
Bluetooth HCRP Profile	BT HCRP	x
Bluetooth HFP Profile	BT HFP	x
Bluetooth HID Profile	BT HID	x
Bluetooth HSP Profile	BT HSP	x
Bluetooth Intel HCI	HCI Intel	x
Bluetooth ISO Data	BT ISO Data	x
Bluetooth L2CAP Protocol	BT L2CAP	x
Bluetooth Linux Monitor Transport	HCI_MON	x
Bluetooth Low Energy Link Layer	BT LE LL	x
Bluetooth Low Energy RF Info	BTLE RF	x
Bluetooth MCAP Protocol	BT MCAP	x
Bluetooth Mesh	BT Mesh	x
Bluetooth Mesh Beacon	BT Mesh beacon	x
Bluetooth Mesh PB-ADV	BT Mesh PB-ADV	x
Bluetooth Mesh Provisioning PDU	BT Mesh Provisioning	x
Bluetooth Mesh Proxy	BT Mesh proxy	x
Bluetooth OBEX BIP Application Parameters	BT BIP Application Parameters	x
Bluetooth OBEX BPP Application Parameters	BT BPP Application Parameters	x
Bluetooth OBEX CTN Application Parameters	BT CTN Application Parameters	x
Bluetooth OBEX GPP Application Parameters	BT GPP Application Parameters	x
Bluetooth OBEX MAP Application Parameters	BT MAP Application Parameters	x
Bluetooth OBEX PBAP Application Parameters	BT PBAP Application Parameters	x
Bluetooth Pseudoheader for BR/EDR	BT BR/EDR RF	x
Bluetooth RFCOMM Protocol	BT RFCOMM	x
Bluetooth SAP Profile	BT SAP	x
Bluetooth SBC Codec	SBC	x
Bluetooth SDP Protocol	BT SDP	x
Bluetooth Security Manager Protocol	BT SMP	x
Bluetooth SPP Packet	BT SPP	x
Bluetooth VDP Content Protection Header SCMS-T	BT VDP Content Protection Header SCMS-T	x
Bluetooth VDP Profile	BT VDP	x
Boardwalk	Boardwalk	x
Boot Parameters	BOOTPARAMS	x
Border Gateway Protocol	BGP	x
Bridge Control Packet Indicator	Bridge Control Packet Indicator	x
Bridge-Identification	Bridge-Identification	x



Soluções de Vanguarda em Segurança da Informação

Broadcast/Multicast Control	BMC	x
Broadcom tag protocol	Broadcom tag	x
BRP Protocol	BRP	x
BSD LZW Compress	BSD LZW Compress	x
BSS LCS Assistance Protocol	BSSLAP	x
BSSAP/BSAP	BSSAP	x
BSSAP2	BSSAP2	x
BTP-A	BTPA	x
BTP-B	BTPB	x
Building Automation and Control Network APDU	BACapp	x
Building Automation and Control Network NPDU	BACnet	x
Bundle Protocol	Bundle	x
C15 Call History Common Header Protocol	C15.ch	x
C15 Call History Heartbeat Protocol	C15HBEAT	x
C15 Call History Protocol	C15	x
C15 Incoming GWE	C15.INC_GWE	x
C15 Outgoing GWE	C15.out_gwe	x
C15 Tone	C15.TONE	x
CableLabs Dual-Channel Wi-Fi	cl3dcw	x
CableLabs Layer 3 Protocol	CL3	x
Calculation Application Protocol	CalcAppProtocol	x
Call Specification Language (Xcsl)	XCSL	x
Call Status	Call Status	x
Callback	Callback	x
Callback to a pre-specified or admin-specified number	Callback to a pre-specified or admin-specified number	x
Callback to a user-specified number	Callback to a user-specified number	x
Callback to any of a list of numbers	Callback to any of a list of numbers	x
Camel	CAMEL	x
Canon BJNP	BJNP	x
CANopen	CANOPEN	x
Card Application Toolkit ETSI TS 102.223	ETSI CAT	x
Cassandra CQL Protocol	CQL	x
Cast Client Control Protocol	CAST	x
Catapult DCT2000 packet	DCT2000	x
CCSDS	CCSDS	x
CDMA2K	CDMA2K	x
CDS Clerk Server Calls	CDS_CLERK	x
CELERRA_VNX	celerra_vnx	x
Ceph	Ceph	x
Certificate Management Protocol	CMP	x



Soluções de Vanguarda em Segurança da Informação

Certificate Request Message Format	CRMF	x
CESoPSN basic NxDSO mode (no RTP support)	CESoPSN basic (no RTP)	x
CFDP	CFDP	x
CFM EOAM 802.1ag/ITU Protocol	CFM	x
Character Generator Protocol	Chargen	x
Charging ASE	ChargingASE	x
Check Point High Availability Protocol	CPHA	x
Checkpoint FW-1	FW-1	x
China Mobile Point to Point Protocol	CMPP	x
Cimetrics MS/TP	Cimetrics MS/TP	x
CIP Class Generic	CIPCLS	x
CIP Connection Configuration Object	CIPCCO	x
CIP Connection Manager	CIPCM	x
CIP Modbus Object	CIPMB	x
CIP PCCC Object	CIPPCCC	x
CIP Safety Supervisor	CIPSSupervisor	x
CIP Safety Validator	CIPValidator	x
Circuit Emulation Service over Ethernet	CESoETH	x
Cisco Auto-RP	Auto-RP	x
Cisco Discovery Protocol	CDP	x
CISCO ERSPAN3 Marker Packet	CISCO3 ERSPAN MARKER	x
Cisco FabricPath	CFP	x
Cisco GED-125 Protocol	GED125	x
Cisco Group Management Protocol	CGMP	x
Cisco HDLC	CHDLC	x
Cisco Hot Standby Router Protocol	HSRP	x
Cisco Interior Gateway Routing Protocol	IGRP	x
Cisco ISL	ISL	x
Cisco MetaData	Cisco MetaData	x
Cisco NetFlow/IPFIX	CFLOW	x
Cisco Session Management	SM	x
Cisco SLARP	SLARP	x
Cisco ttag	Cisco ttag	x
Cisco Wireless IDS Captures	CWIDS	x
Cisco Wireless LAN Context Control Protocol	WLCCP	x
Citizen Broadband Radio Service - Object Identifiers	CBRS_OIDS	x
Classical IP frame	CLIP	x
Clearcase NFS	CLEARCASE	x
Clique Reliable Multicast Protocol	Clique-rm	x
Clock Reference Format	CRF	x



Soluções de Vanguarda em Segurança da Informação

Cluster TDB	CTDB	x
collectd network data	collectd	x
Common Address Redundancy Protocol	CARP	x
Common External Message Interface	cEMI	x
Common Image Generator Interface	CIGI	x
Common Industrial Protocol	CIP	x
Common Industrial Protocol, I/O	CIP I/O	x
Common Industrial Protocol, I/O Class 1	CIP Class 1	x
Common Industrial Protocol, Motion	CIP Motion	x
Common Industrial Protocol, Motion - Rev 3	CIP Motion - Rev 3	x
Common Industrial Protocol, Safety	CIP Safety	x
Common Industrial Protocol, Safety - Base - Data	CIP Safety - Base - Data	x
Common Industrial Protocol, Safety - Base - Time Coordination	CIP Safety - Base - Time Coordination	x
Common Industrial Protocol, Safety - Extended - Data	CIP Safety - Extended - Data	x
Common Industrial Protocol, Safety - Extended - Time Coordination	CIP Safety - Extended - Time Coordination	x
Common Open Policy Service	COPS	x
Common Unix Printing System (CUPS) Browsing Protocol	CUPS	x
Community ID Flow Hashing	CommunityID	x
Component Network over IP	CN/IP	x
Component Status Protocol	ComponentStatusProtocol	x
Compound Frames (Deprecated)	Compound Frames (Deprecated)	x
Compressed Data Type	CDT	x
Compuserve GIF	GIF image	x
Computer Interface to Message Distribution	CIMD	x
Concise Binary Object Representation	CBOR	x
Configuration Test Protocol (loopback)	LOOP	x
Connectionless Lightweight Directory Access Protocol	CLDAP	x
Consistent Overhead Byte Stuffing (COBS)	Consistent Overhead Byte Stuffing (COBS)	x
Constrained Application Protocol	CoAP	x
Control And Provisioning of Wireless Access Points - Control	CAPWAP-CONTROL	x
Control And Provisioning of Wireless Access Points - Data	CAPWAP-DATA	x
Controller Area Network	CAN	x
Controller Area Network FD	CANFD	x
Controller Area Network over Ethernet	CAN-ETH	x
Coseventcomm Dissector Using GIOP API	COSEVENTCOMM	x



Soluções de Vanguarda em Segurança da Informação

CoSine IPNOS L2 debug output	CoSine	x
Cosnaming Dissector Using GIOP API	COSNAMING	x
Couchbase Protocol	Couchbase	x
CP2179 Protocol	CP2179	x
Credential Security Support Provider	CredSSP	x
Cross Point Frame Injector	CPFI	x
CRTP	CRTP	x
CRTP (CNTCP)	CRTP (CNTCP)	x
CRTP (CS)	CRTP (CS)	x
CRTP (CUDP 16)	CRTP (CUDP 16)	x
CRTP (CUDP 8)	CRTP (CUDP 8)	x
Cryptographic Message Syntax	CMS	x
CSM_ENCAPS	CSM_ENCAPS	x
CSN.1	CSN1	x
CVS pserver	cvspserver	x
Data	Data	x
Data Exchange Layer	DXL	x
Data Link SWitching	DLSw	x
Data Stream Interface	DSI	x
Datagram Congestion Control Protocol	DCCP	x
Datagram Delivery Protocol	DDP	x
Datagram Transport Layer Security	DTLS	x
Daytime Protocol	DAYTIME	x
D-Bus	D-BUS	x
dCache	dcache	x
DCE DFS Basic Overseer Server	BOSSVR	x
DCE DFS File Exporter	FILEEXP	x
DCE DFS Fileset Location Server	FLDB	x
DCE DFS FLDB UBIK TRANSFER	UBIKDISK	x
DCE DFS FLDB UBIKVOTE	UBIKVOTE	x
DCE DFS ICL RPC	ICL_RPC	x
DCE DFS Replication Server	REP_PROC	x
DCE DFS Token Server	TKN4Int	x
DCE Distributed Time Service Local Server	DTSSTIME_REQ	x
DCE Distributed Time Service Provider	DTSPROVIDER	x
DCE Identifier	DCE Identifier	x
DCE Name Service	RS_PGO	x
DCE Security ID Mapper	SECIDMAP	x
DCE/DFS BUDB	BUDB	x
DCE/RPC BUTC	BUTC	x
DCE/RPC CDS Solicitation	cds_solicit	x



Soluções de Vanguarda em Segurança da Informação

DCE/RPC Conversation Manager	CONV	x
DCE/RPC Directory Acl Interface	rdacif	x
DCE/RPC Endpoint Mapper	EPM	x
DCE/RPC Endpoint Mapper v4	EPMv4	x
DCE/RPC Kerberos V	KRB5RPC	x
DCE/RPC NCS 1.5.1 Local Location Broker	llb	x
DCE/RPC Operations between registry server replicas	rs_repmgr	x
DCE/RPC Prop Attr	rs_prop_attr	x
DCE/RPC Registry Password Management	rs_pwd_mgmt	x
DCE/RPC Registry Server Attributes Schema	rs_attr_schema	x
DCE/RPC Registry server propagation interface - ACLs	rs_prop_acl	x
DCE/RPC Registry server propagation interface - PGO items	rs_prop_pgo	x
DCE/RPC Registry server propagation interface - properties and policies	rs_prop_plcy	x
DCE/RPC Remote Management	MGMT	x
DCE/RPC Repserver Calls	RS_REPLIST	x
DCE/RPC RS_ACCT	RS_ACCT	x
DCE/RPC RS_BIND	RS_BIND	x
DCE/RPC RS_MISC	rs_misc	x
DCE/RPC RS_PROP_ACCT	rs_prop_acct	x
DCE/RPC RS_UNIX	RS_UNIX	x
DCE/RPC UpServer	dce_update	x
DCOM	DCOM	x
DCOM IDispatch	IDispatch	x
DCOM IProvideClassInfo	IProvideClassInfo	x
DCOM IRemoteActivation	REMACT	x
DCOM ITypeInfo	ITypInfo	x
DCOM OXID Resolver	IOXIDResolver	x
DCP Application Framing Layer	DCP-AF	x
DCP Protection, Fragmentation & Transport Layer	DCP-PFT	x
DCP Tag Packet Layer	DCP-TPL	x
DEC DNA Routing Protocol	DEC_DNA	x
DEC Spanning Tree Protocol	DEC_STP	x
Decompressed SigComp message as raw text	Raw_SigComp	x
DECT Protocol	DECT	x
Default Protocol ID	Default Protocol ID	x
Deflate	Deflate	x
DeskTop PassThrough Protocol	DTPT	x



Soluções de Vanguarda em Segurança da Informação

Destination Options for IPv6	IPv6 Destination	x
Device Level Ring	DLR	x
DeviceNet Protocol	DeviceNet	x
DG Gryphon Protocol	Gryphon	x
DHCP Failover	DHCPFO	x
DHCPv6	DHCPv6	x
DHCPv6 Bulk Leasequery	DHCPv6 Bulk Leasequery	x
Diagnostic Log and Trace (DLT)	DLT	x
Diameter 3GPP	Diameter3GPP	x
Diameter Protocol	Diameter	x
DICOM	DICOM	x
Digital Audio Access Protocol	DAAP	x
Digital Private Signalling System No 1	DPNSS	x
Digital Private Signalling System No 1 Link Layer	DPNSS Link	x
Digital Transmission Content Protection over IP	DTCP-IP	x
Digium TDMoE Protocol	TDMoE	x
Direct Message Profile	DMP	x
DirectPlay 8 protocol	DPNET	x
DirectPlay Protocol	DPLAY	x
DisplayPort AUX-Channel	DPAUX	x
Distance Vector Multicast Routing Protocol	DVMRP	x
Distcc Distributed Compiler	DISTCC	x
Distributed Checksum Clearinghouse protocol	DCC	x
Distributed Computing Environment / Remote Procedure Call (DCE/RPC)	DCERPC	x
Distributed Interactive Simulation	DIS	x
Distributed Lock Manager	DLM3	x
Distributed Network Protocol 3.0	DNP 3.0	x
Distributed Ruby	DRb	x
DJI UAV Drone Control Protocol	DJIUAV	x
DLT User	DLT_USER	x
DMX	DMX	x
DMX Channels	DMX Channels	x
DMX SIP	DMX SIP	x
DMX Test Frame	DMX Test Frame	x
DMX Text Frame	DMX Text Frame	x
DNS Control Program Server	cprpc_server	x
DNS Server	DNSSERVER	x
DOCSIS	DOCSIS	x
DOCSIS Appendix C TLV's	DOCSIS TLVs	x



Soluções de Vanguarda em Segurança da Informação

DOCSIS Baseline Privacy Key Management Request	DOCSIS BPKM-REQ	x
DOCSIS Baseline Privacy Key Management Response	DOCSIS BPKM-RSP	x
DOCSIS Bonded Initial Ranging Message	DOCSIS B-INT-RNG-REQ	x
DOCSIS CM Control Request	DOCSIS CM-CTRL-REQ	x
DOCSIS CM Control Response	DOCSIS CM-CTRL-RSP	x
DOCSIS CM-STATUS Report	DOCSIS CM-STATUS	x
DOCSIS Downstream Channel Change Acknowledge	DOCSIS DCC-ACK	x
DOCSIS Downstream Channel Change Request	DOCSIS DCC-REQ	x
DOCSIS Downstream Channel Change Response	DOCSIS DCC-RSP	x
DOCSIS Downstream Channel Descriptor	DOCSIS DCD	x
DOCSIS Downstream Profile Descriptor	DOCSIS DPD	x
DOCSIS Dynamic Bonding Change Acknowledge	DOCSIS DBC-ACK	x
DOCSIS Dynamic Bonding Change Request	DOCSIS DBC-REQ	x
DOCSIS Dynamic Bonding Change Response	DOCSIS DBC-RSP	x
DOCSIS Dynamic Service Addition Acknowledge	DOCSIS DSA-ACK	x
DOCSIS Dynamic Service Addition Request	DOCSIS DSA-REQ	x
DOCSIS Dynamic Service Addition Response	DOCSIS DSA-RSP	x
DOCSIS Dynamic Service Change Acknowledgement	DOCSIS DSC-ACK	x
DOCSIS Dynamic Service Change Request	DOCSIS DSC-REQ	x
DOCSIS Dynamic Service Change Response	DOCSIS DSC-RSP	x
DOCSIS Dynamic Service Delete Request	DOCSIS DSD-REQ	x
DOCSIS Dynamic Service Delete Response	DOCSIS DSD-RSP	x
DOCSIS Energy Management Request	DOCSIS EM-REQ	x
DOCSIS Energy Management Response	DOCSIS EM-RSP	x
DOCSIS Initial Ranging Message	DOCSIS INT-RNG-REQ	x
DOCSIS Mac Domain Description	DOCSIS Mdd	x
DOCSIS Mac Management	DOCSIS MAC MGMT	x
DOCSIS OFDM Channel Descriptor	DOCSIS OCD	x
DOCSIS Path Verify Request	DOCSIS DPV-REQ	x
DOCSIS Path Verify Response	DOCSIS DPV-RSP	x
DOCSIS PHY Link Channel	DOCSIS PLC	x
DOCSIS Range Request Message	DOCSIS RNG-REQ	x
DOCSIS Ranging Response	DOCSIS RNG-RSP	x
DOCSIS Registration Acknowledge	DOCSIS REG-ACK	x
DOCSIS Registration Request Multipart	DOCSIS Reg-Req-Mp	x
DOCSIS Registration Requests	DOCSIS REG-REQ	x
DOCSIS Registration Response Multipart	DOCSIS Reg-Rsp-Mp	x



Soluções de Vanguarda em Segurança da Informação

DOCSIS Registration Responses	DOCSIS REG-RSP	x
DOCSIS Resource Block Assignment Message	DOCSIS RBA	x
DOCSIS Segment	DOCSIS Segment	x
DOCSIS Status Report Acknowledge	DOCSIS CM-STATUS-ACK	x
DOCSIS Synchronisation Message	SYNC Message	x
DOCSIS Upstream Bandwidth Allocation - version 1	DOCSIS MAP	x
DOCSIS Upstream Bandwidth Allocation - version 5	DOCSIS MAP	x
DOCSIS Upstream Channel Change Request	DOCSIS UCC-REQ	x
DOCSIS Upstream Channel Change Response	DOCSIS UCC-RSP	x
DOCSIS Upstream Channel Descriptor	DOCSIS UCD	x
DOCSIS Upstream Channel Descriptor Type 29	DOCSIS type29ucd	x
DOCSIS Upstream Channel Descriptor Type 35	DOCSIS type35ucd	x
DOCSIS Upstream Channel Descriptor Type 51	DOCSIS type51ucd	x
DOCSIS Vendor Specific Encodings	DOCSIS VSIF	x
DOCSIS_INIT_RANGING	DOCSIS_INIT_RANGING	x
DOCSIS_NCP	DOCSIS_NCP	x
DOF Application Protocol	DPS.APP	x
DOF CCM Security Mode App	DOF.CCM.APP	x
DOF CCM Security Mode DSP Options	DOF.CCM.DSP	x
DOF CCM Security Mode of Operation	DOF.CCM	x
DOF Network Protocol	DPS.DNP	x
DOF Network Protocol V0	DPS.DNP.V0	x
DOF Network Protocol V1	DOF.DNP.V1	x
DOF Object Access Protocol	DOF.OAP	x
DOF Object Access Protocol DSP Options	DOF.OAP.DSP	x
DOF Object Identifier	DPS.OID	x
DOF Presentation Protocol	DPS.DPP	x
DOF Presentation Protocol V0	DPS.DPP.V0	x
DOF Presentation Protocol V2	DPS.DPP.V2	x
DOF Presentation Protocol V2 Support	DPS.DPP.V2S	x
DOF Protocol Stack	DOF	x
DOF Protocol Stack TCP	DOF-TCP	x
DOF Protocol Stack UDP	DOF-UDP	x
DOF Secure Group Management Protocol	DOF.SGMP	x
DOF Session Protocol	DOF.ESP	x
DOF Ticket Exchange Protocol DSP Options	DOF.TEP1.DSP	x
DOF Ticket Exchange Protocol Version 1	DOF.TEP1	x
DOF Ticket Request Protocol	DOF.TRP	x
DOF Ticket Request Protocol DSP Options	DOF.TRP.DSP	x



Soluções de Vanguarda em Segurança da Informação

DOF Tunnel Protocol Stack	DTPS	x
DoIP (ISO13400) Protocol	DoIP	x
Domain Name System	DNS	x
DPAUXMON DisplayPort AUX channel monitor	DPAUXMON	x
DPNSS/DASS2-User Adaptation Layer	DUA	x
DRBD Protocol	DRBD	x
DRDA	DRDA	x
Dropbox LAN sync Discovery Protocol	DB-LSP-DISC	x
Dropbox LAN sync Protocol	DB-LSP	x
DRSUAPI	DRSUAPI	x
DSRC Addition Grp C (EU)	ADDGRPC	x
DTN TCP Convergence Layer Protocol	TCPCL	x
Dublin Core Metadata (DC)	dc	x
DVB Application Information Table	DVB AIT	x
DVB Bouquet Association Table	DVB BAT	x
DVB Common Interface	DVB-CI	x
DVB Event Information Table	DVB EIT	x
DVB Network Information Table	DVB NIT	x
DVB Service Description Table	DVB SDT	x
DVB Time and Date Table	DVB TDT	x
DVB Time Offset Table	DVB TOT	x
DVB-DATA MultiProtocol Encapsulation	DVB-DATA MPE	x
DVB-S2 Baseband Frame	DVB-S2-BB	x
DVB-S2 GSE Packet	DVB-S2-GSE	x
DVB-S2 Mode Adaptation Header	DVB-S2	x
DVB-S2 Signalization Table	DVB-S2-TABLE	x
DX cluster	DX	x
Dynamic DNS Tools Protocol	DDTP	x
Dynamic Host Configuration Protocol	DHCP/BOOTP	x
Dynamic Link Exchange Protocol	DLEP	x
Dynamic Source Routing	DSR	x
Dynamic Trunk Protocol	DTP	x
E1 Application Protocol	E1AP	x
E100 Encapsulation	E100	x
EBHSCR Protocol	EBHSCR	x
Echo	ECHO	x
ECMP	ECMP	x
ECP Protocol	ECP	x
Edge Control Protocol	ECP21	x
eDonkey Protocol	EDONKEY	x
EERO Protocol	EERO	x



Soluções de Vanguarda em Segurança da Informação

EFS (pidl)	EFS	x
EHS	EHS	x
Elasticsearch	Elasticsearch	x
ELCOM Communication Protocol	ELCOM	x
Encapsulated Remote Switch Packet ANalysis	ERSPAN	x
Encapsulating Security Payload	ESP	x
Endpoint Handlespace Redundancy Protocol	ENRP	x
ENEA LINX	LINX	x
ENEA LINX over TCP	LINX/TCP	x
Enhanced Interior Gateway Routing Protocol	EIGRP	x
Enhanced RTP compression (RFC3545)	Enhanced RTP compression (RFC3545)	x
Enhanced Variable Rate Codec	EVRC	x
Enhanced Variable Rate Codec - Narrowband-Wideband	EVRC-NW	x
Enhanced Variable Rate Codec - Narrowband-Wideband plus 2kpbs	EVRC-NW2K	x
Enhanced Variable Rate Codec - Wideband	EVRC-WB	x
Enhanced Variable Rate Codec (Legacy Encapsulation)	EVRC (Legacy)	x
Enhanced Variable Rate Codec B	EVRC-B	x
Enhanced Voice Services	EVS	x
ENTTEC	ENTTEC	x
Ericsson A-bis OML	Ericsson OML	x
Ericsson HDLC	Ericsson HDLC as used in A-bis over IP	x
Erlang Distribution Protocol	ErIDP	x
Erlang Port Mapper Daemon	EPMD	x
Error Code	Error Code	x
EtherCAT datagram(s)	ECAT	x
EtherCAT frame header	ETHERCAT	x
EtherCAT Mailbox Protocol	ECAT_MAILBOX	x
EtherCAT Switch Link	ESL	x
Ethernet	Ethernet	x
Ethernet Global Data	EGD	x
Ethernet Local Management Interface	E-LMI	x
Ethernet over IP	ETHERIP	x
Ethernet POWERLINK	EPL	x
ETHERNET Powerlink V1.0	EPL_V1	x
Ethernet PW (CW heuristic)	Ethernet PW (CW heuristic)	x
Ethernet PW (no CW)	Ethernet PW (no CW)	x
EtherNet/IP (Industrial Protocol)	ENIP	x
Ethertype	Ethertype	x



Soluções de Vanguarda em Segurança da Informação

ETSI Card Application Toolkit Transport Protocol	CAT-TP	x
ETSI Distribution & Communication Protocol (for DRM)	DCP (ETSI)	x
ETSI IPDC Bootstrap	ESG Bootstrap	x
ETV-AM DDB Section	ETV-AM DDB	x
ETV-AM DII Section	ETV-AM DII	x
ETV-AM EISS Section	ETV-AM EISS	x
ETW Ndis	ETW Ndis	x
ETW WFP Capture	ETW WFP Capture	x
EUTRAN X2 Application Protocol (X2AP)	X2AP	x
Event Logger	EVENTLOG	x
Event Notification for Resource Lists (RFC 4662)	list	x
evolved Common Public Radio Interface	eCPRI	x
Exablaze trailer	Exablaze	x
Excentis XRA header	XRA	x
Exchange 2003 Directory Request For Response	RFR	x
Exchange 5.5 EMSMDB	MAPI	x
Exchange 5.5 Name Service Provider	NSPI	x
Executable and Linkable Format	ELF	x
Expert Info	Expert	x
EXPORTED_PDU	exported_pdu	x
eXpressive Internet Protocol	XIP	x
Extended Security Services	ESS	x
Extensible Authentication Protocol	EAP	x
eXtensible Markup Language	XML	x
eXtensible Messaging Client Protocol	XMCP	x
Extensible Record Format	ERF	x
Extreme Discovery Protocol	EDP	x
F1 Application Protocol	F1AP	x
F5 Capture Information	FILEINFO	x
F5 Ethernet Trailer Protocol	F5 Ethernet trailer	x
F5 Ethernet Trailer Protocol - TLS Provider	F5 TLS	x
F5 Ethernet trailer provider - Noise	Noise	x
Failover Cluster Management API (clusapi)	CLUSAPI	x
Far End Failure Detection	FEFD	x
FastCGI	FCGI	x
Favored-Peer	Favored-Peer	x
FC Extended Link Svc	FC ELS	x
FC Fabric Configuration Server	FC-FCS	x
Fc00 CryptoAuth	Fc00	x
FCIP	Fibre Channel over IP	x



Soluções de Vanguarda em Segurança da Informação

FCoE Initialization Protocol	FIP	x
FCS Alternatives	FCS Alternatives	x
Fiber Distributed Data Interface	FDDI	x
Fibre Channel	FC	x
Fibre Channel Common Transport	FC_CT	x
Fibre Channel Delimiters	FCSoF	x
Fibre Channel Fabric Zone Server	FC FZS	x
Fibre Channel Name Server	FC-dNS	x
Fibre Channel over Ethernet	FCoE	x
Fibre Channel over Infiniband	FCoIB	x
Fibre Channel Protocol for SCSI	FCP	x
Fibre Channel Security Protocol	FC-SP	x
Fibre Channel Single Byte Command	FC-SB3	x
Fibre Channel SW_ILS	FC-SWILS	x
File	File	x
File Mapping Protocol	FMP	x
File Mapping Protocol Notify	FMP/NOTIFY	x
File Replication Service	FRSRPC	x
File Replication Service DFS-R	FRSTRANS	x
File Server Remote VSS Protocol	FSRVP	x
File Transfer Protocol (FTP)	FTP	x
Financial Information eXchange Protocol	FIX	x
finger	FINGER	x
Firebird SQL Database Remote Protocol	FB/IB GDS DB	x
FlexNet	FLEXNET	x
FlexRay Protocol	FLEXRAY	x
Flight Message Transfer Protocol (FMTP)	FMTP	x
Fortinet Single Sign On	fortinet_sso	x
Forward Error Correction (FEC)	RMT-FEC	x
Forwarding and Control Element Separation Protocol	ForCES	x
FOUNDATION Fieldbus	FF	x
Foundry Discovery Protocol	FDP	x
FP	FP	x
FP Hint	FP Hint	x
Fractal Generator Protocol	FractalGeneratorProtocol	x
Fragment Header for IPv6	IPv6 Fragment	x
Frame	Frame	x
Frame Relay	FR	x
FTDI FT USB	FTDI FT	x
FTDI Multi-Protocol Synchronous Serial Engine	FTDI MPSSE	x



Soluções de Vanguarda em Segurança da Informação

FTP Data	FTP-DATA	x
FTServer Operations	FTSERVER	x
G.723	G.723	x
Gadu-Gadu Protocol	Gadu-Gadu	x
Gandalf FZA	Gandalf FZA	x
GARP Multicast Registration Protocol	GMRP	x
GARP VLAN Registration Protocol	GVRP	x
Gateway Load Balancing Protocol	GLBP	x
GBCS GBZ	GBCS GBZ	x
GBCS Message	GBCS Message	x
GBCS Tunnel	GBCS Tunnel	x
GCSNA	GCSNA	x
GDB Remote Serial Protocol	GDB remote	x
Gearman Protocol	Gearman	x
General Inter-ORB Protocol	GIOP	x
Generic Framing Procedure	GFP	x
Generic Network Virtualization Encapsulation	Geneve	x
Generic Routing Encapsulation	GRE	x
GENERIC-CONFERENCE-CONTROL T.124	T.124	x
GEO-Mobile Radio (1) BCCH	GMR-1 BCCH	x
GEO-Mobile Radio (1) CCCH	GMR-1 CCCH	x
GEO-Mobile Radio (1) Common	GMR-1 Common	x
GEO-Mobile Radio (1) DTAP	GMR-1 DTAP	x
GEO-Mobile Radio (1) RACH	GMR-1 RACH	x
GEO-Mobile Radio (1) RR	GMR-1 RR	x
GeoNetworking	GNW	x
Gias Dissector Using GIOP API	GIAS	x
giFT Internet File Transfer	giFT	x
Gigamon Header	GMHDR	x
Gigamon Trailer	GMTRAILER	x
GigE Vision Control Protocol	GVCP	x
GigE Vision Streaming Protocol	GVSP	x
Git Smart Protocol	Git	x
Glow	GLOW	x
GLUSTER	gluster	x
Gluster CLI	Gluster CLI	x
Gluster Daemon	GlusterD	x
Gluster Daemon Brick Operations	GlusterD Brick	x
Gluster Daemon Friend Operations	GlusterD Friend	x
Gluster Daemon Management	GlusterD Management	x
Gluster Dump	Gluster Dump	x



Soluções de Vanguarda em Segurança da Informação

Gluster Portmap	Gluster Portmap	x
GlusterFS	GlusterFS	x
GlusterFS Callback	GlusterFS Callback	x
GlusterFS Handshake	GlusterFS Handshake	x
Gnutella Protocol	GNUTELLA	x
Google/Apple Exposure Notification	Google/Apple Exposure Notification	x
GOOSE	GOOSE	x
Gopher	Gopher	x
GPEF	GPEF	x
GPRS CDR	GPRSCDR	x
GPRS Network Service	GPRS-NS	x
GPRS Tunneling Protocol	GTP	x
GPRS Tunneling Protocol Prime	GTP (Prime)	x
GPRS Tunneling Protocol V2	GTPv2	x
GQUIC (Google Quick UDP Internet Connections)	GQUIC	x
Graylog Extended Log Format	GELF	x
GRPC Message	GRPC	x
GSM A-bis OML	A-bis OML	x
GSM A-bis P-GSL	Ericsson GSM A-bis P-GSL	x
GSM A-bis TFP	Ericsson GSM A-bis TFP	x
GSM A-I/F BSSMAP	GSM BSSMAP	x
GSM A-I/F COMMON	GSM COMMON	x
GSM A-I/F DTAP	GSM DTAP	x
GSM A-I/F GPRS Mobility and Session Management	GSM Management	x
GSM A-I/F Radio Resource Management	GSM RR	x
GSM A-I/F RP	GSM RP	x
GSM CCCH	GSM CCCH	x
GSM Cell Broadcast Channel	GSM CBCH	x
GSM Cell Broadcast Service	GSM Cell Broadcast Service	x
GSM EC-CCCH	GSM EC-CCCH	x
GSM Mobile Application	GSM_MAP	x
GSM multiplexing for AMR	GSM Osmux	x
GSM over IP ip.access CCM sub-protocol	IPA	x
GSM over IP protocol as used by ip.access	GSM over IP	x
GSM Radiotap	GSMTAP	x
GSM SACCH	GSM SACCH	x
GSM Short Message Service User Data	GSM SMS UD	x
GSM SIM 11.11	GSM SIM	x
GSM SMS TPDU (GSM 03.40)	GSM SMS	x
GSM Um Interface	GSM Um	x



Soluções de Vanguarda em Segurança da Informação

GSM-R User-to-User Signaling	GSM-R	x
GSMTAP libosmcore logging	GSMTAP-LOG	x
GSS-API Generic Security Service Application Program Interface	GSS-API	x
H.225 RAS	H.225 RAS	x
H.248 3GPP	H2483GPP	x
H.248 Annex C	H248C	x
H.248 Annex E	H248E	x
H.248 MEGACO	H248	x
H.248 Q.1950 Annex A	H248Q1950	x
H.248.10	H248CHP	x
H.248.2	H248_2	x
H.248.7	H248AN	x
H.263 RTP Payload header (RFC2190)	H.263 (RFC2190)	x
H.264	H.264	x
H.265	H.265	x
H.282 Remote Device Control	RDC	x
H.283 Logical Channel Transport	LCT	x
H.323	H.323	x
H.324/CCSRL	CCSRL	x
H.324/SRP	SRP	x
H.450 Remote Operations Apdus	H450.ROS	x
H.450 Supplementary Services	H.450	x
H.460 Supplementary Services	H.460	x
H.501 Mobility	H.501	x
H221NonStandard	h221nonstd	x
H235-SECURITY-MESSAGES	H.235	x
H323-MESSAGES	H.225.0	x
Harman HiQnet	HiQnet	x
HART_IP Protocol	HART_IP	x
Hazelcast Wire Protocol	HAZELCAST	x
HDFS Protocol	HDFS	x
HDFSDATA Protocol	HDFSDATA	x
HDLC PW, FR port mode (no CW)	HDLC PW, FR port mode (no CW)	x
HDLC-like framing for PPP	HDLC PW with PPP payload (no CW)	x
Health Level Seven	HL7	x
Hewlett-Packard PPC	Hewlett-Packard PPC	x
HI2Operations	HI2OPERATIONS	x
High bandwidth Digital Content Protection	HDCP	x
High bandwidth Digital Content Protection version 2	HDCP2	x



Soluções de Vanguarda em Segurança da Informação

High-availability Seamless Redundancy (IEC62439 Part 3 Chapter 5)	HSR	x
High-Definition Multimedia Interface	HDMI	x
High-Speed LAN Instrument Protocol	HiSLIP	x
High-speed SECS Message Service Protocol	HSMS	x
HomePlug AV protocol	HomePlug AV	x
HomePlug protocol	HomePlug	x
HomePNA, wlan link local tunnel	HomePNA	x
Host Identity Protocol	HIP	x
Hotline Command-Response Transaction protocol	HCrt	x
HP encapsulated remote mirroring	HP_ERM	x
HP Extended Local-Link Control	HPEXT	x
HP NIC Teaming Heartbeat	HPTEAM	x
HP Remote Maintenance Protocol	RMP	x
HP Switch Protocol	HPSW	x
HPFEEDS HoneyPot Feeds Protocol	HPFEEDS	x
HP-UX Network Tracing and Logging	nettl	x
HSR/PRP Supervision (IEC62439 Part 3)	HSR_PRP_SUPERVISION	x
HTML Form URL Encoded	URL Encoded Form Data	x
Huawei FP Multiplexing Header	FP Mux	x
Hummingbird NFS Daemon	HCLNFSD	x
HyperSCSI	HyperSCSI	x
Hypertext Transfer Protocol	HTTP1.x	SIM
HyperText Transfer Protocol 2	HTTP2	SIM
Hypertext Transfer Protocol Version 3	HTTP3	SIM
I2C Data	I2C Data	x
I2C Events	I2C Events	x
iCall Communication Protocol	iCall	x
ICAO Doc9705 CM	ATN-CM	x
ICAO Doc9705 CPDLC	ATN-CPDLC	x
ICAO Doc9705 ULCS	ATN-ULCS	x
ICBAAccoCallback	ICBAAccoCB	x
ICBAAccoCallback2	ICBAAccoCB2	x
ICBAAccoMgt	ICBAAccoMgt	x
ICBAAccoMgt2	ICBAAccoMgt2	x
ICBAAccoServer	ICBAAccoSrv	x
ICBAAccoServer2	ICBAAccoSrv2	x
ICBAAccoServerSRT	ICBAAccoSrvSRT	x
ICBAAccoSync	ICBAAccoSync	x
ICBABrowse	ICBABrowse	x



Soluções de Vanguarda em Segurança da Informação

ICBABrowse2	ICBABrowse2	x
ICBAGroupError	ICBAGErr	x
ICBAGroupErrorEvent	ICBAGErrEvent	x
ICBALogicalDevice	ICBALDev	x
ICBALogicalDevice2	ICBALDev2	x
ICBAPersist	ICBAPersist	x
ICBAPersist2	ICBAPersist2	x
ICBAPhysicalDevice	ICBAPDev	x
ICBAPhysicalDevice2	ICBAPDev2	x
ICBAPhysicalDevicePC	ICBAPDevPC	x
ICBAPhysicalDevicePCEvent	ICBAPDevPCEvent	x
ICBARTAuto	ICBARTAuto	x
ICBARTAuto2	ICBARTAuto2	x
ICBAState	ICBAState	x
ICBAStateEvent	ICBAStateEvent	x
ICBASystemProperties	ICBASysProp	x
ICBATime	ICBATime	x
ICQ Protocol	ICQ	x
IEC 60870-5-101	IEC 60870-5-101	x
IEC 60870-5-101/104 ASDU	IEC 60870-5-101/104 ASDU	x
IEC 60870-5-104	IEC 60870-5-104	x
IEC 61883 Protocol	IEC 61883	x
IEC61850 Sampled Values	SV	x
IEEE 1722 MAAP Protocol	MAAP	x
IEEE 1722 Protocol	IEEE1722	x
IEEE 1722.1 Protocol	IEEE1722.1	x
IEEE 1905.1a	ieee1905	x
IEEE 802 Tagged Frame	IEEE 802 Tagged Frame	x
IEEE 802.11 Radiotap Capture header	802.11 Radiotap	x
IEEE 802.11 RSNA EAPOL key	802.11 RSNA EAPOL	x
IEEE 802.11 wireless LAN	IEEE 802.11	x
IEEE 802.11 wireless LAN (Centrino)	IEEE 802.11 (Centrino)	x
IEEE 802.11 wireless LAN aggregate frame	IEEE 802.11 Aggregate Data	x
IEEE 802.11 wireless LAN extension frame	IEEE 802.11 EXT	x
IEEE 802.15.4 Low-Rate Wireless PAN	IEEE 802.15.4	x
IEEE 802.15.4 Low-Rate Wireless PAN non-ASK PHY	IEEE 802.15.4 non-ASK PHY	x
IEEE 802.15.4 Low-Rate Wireless PAN TAP	IEEE 802.15.4 TAP	x
IEEE 802.1ad	IEEE 802.1AD	x
IEEE 802.1ah	IEEE 802.1AH	x
IEEE 802.3 EPON Preamble	EPON	x



Soluções de Vanguarda em Segurança da Informação

IEEE 802.3br Frame Preemption Protocol	Frame Preemption Protocol	x
IEEE C37.118 Synchrophasor Protocol	SYNCHROPHASOR	x
IEEE1609dot2	IEEE1609dot2	x
IEEE802a OUI Extended Ethertype	IEEE802a	x
iFCP	iFCP	x
Ilda Digital Network Protocol	IDN	x
ILMI	ILMI	x
InfiniBand	IB	x
InfiniBand Link	InfiniBand Link	x
Infiniband Sockets Direct Protocol	Infiniband SDP	x
Information Access Protocol	IAP	x
Init shutdown service	INITSHUTDOWN	x
InMon sFlow	sFlow	x
Intel ANS probe	ANS	x
Intel Omni-Path	OPA	x
Intel Omni-Path FE Header - Omni-Path Fabric Executive Header	OPA FE	x
Intel Omni-Path MAD	OPA MAD	x
Intel Omni-Path SnC - Omni-Path Snoop and Capture MetaData Header	OPA SnC	x
Intelligent Network Application Protocol	INAP	x
Intelligent Platform Management Bus	IPMB	x
Intelligent Platform Management Interface	IPMI	x
Intelligent Platform Management Interface (Session Wrapper)	IPMI Session	x
Intelligent Service Interface	ISI	x
Intelligent Transport Systems	ITS	x
Inter-Access-Point Protocol	IAPP	x
Inter-Asterisk eXchange v2	IAX2	x
Interface Identifier	Interface Identifier	x
Inter-Integrated Circuit	I2C	x
Interlink Protocol	Interlink	x
Internal TDM	ITDM	x
International Passenger Airline Reservation System	IPARS	x
Internationalization	Internationalization	x
Internet Cache Protocol	ICP	x
Internet Communications Engine Protocol	ICEP	x
Internet Content Adaptation Protocol	ICAP	x
Internet Control Message Protocol	ICMP	x
Internet Control Message Protocol v6	ICMPv6	x
Internet Group Management Protocol	IGMP	x



Soluções de Vanguarda em Segurança da Informação

Internet Group membership Authentication Protocol	IGAP	x
Internet Message Access Protocol	IMAP	x
Internet Message Format	IMF	x
Internet Printing Protocol	IPP	x
Internet Printing Protocol Over USB	IPPUSB	x
Internet Protocol Version 4	IPv4	x
Internet Protocol Version 6	IPv6	x
Internet Relay Chat	IRC	x
Internet Security Association and Key Management Protocol	ISAKMP	x
Internetwork Datagram Protocol	IDP	x
Internetwork Packet eXchange	IPX	x
InterSwitch Message Protocol	ISMP	x
IP Address	IP Address	x
IP Addresses (deprecated)	IP Addresses (deprecated)	x
IP Compression Protocol	IP Compression Protocol	x
IP Device Control (SS7 over IP)	IPDC	x
IP Option - Commercial Security	Commercial Security	x
IP Option - End of Options List (EOL)	End of Options List (EOL)	x
IP Option - Extended Security	Extended Security	x
IP Option - Loose Source Route	Loose Source Route	x
IP Option - MTU Probe	MTU Probe	x
IP Option - MTU Reply	MTU Reply	x
IP Option - No-Operation (NOP)	No Operation (NOP)	x
IP Option - Quick-Start	Quick-Start	x
IP Option - Record Route	Record Route	x
IP Option - Router Alert	Router Alert	x
IP Option - Security	Security	x
IP Option - Selective Directed Broadcast	Selective Directed Broadcast	x
IP Option - Stream ID	Stream ID	x
IP Option - Strict Source Route	Strict Source Route	x
IP Option - Time Stamp	Time Stamp	x
IP Option - Traceroute	Traceroute	x
IP Over FC	IPFC	x
IP over Infiniband	IPoIB	x
IP Payload Compression	IPComp	x
IP Virtual Services Sync Daemon	IPVS	x
IPDR	IPDR/SP	x
iPerf2 Packet Data	iPerf2	x
IPMI Trace Data Collection	ipmi-trace	x



Soluções de Vanguarda em Segurança da Informação

IPOS Kernel Packet Protocol	IPOS	x
IPSICTL	IPSICTL	x
IPv4 Default Router Address	IPv4 Default Router Address	x
IPv6 compression	IPv6 compression	x
IPv6 Hop-by-Hop Option	IPv6 Hop-by-Hop	x
IPv6 HSGW Link Local Address IID	IPv6 HSGW Link Local Address IID	x
IPv6 over Low power Wireless Personal Area Networks	6LoWPAN	x
IPv6 Routing Type - RPL Source Route	RPL Source Route	x
IPv6 Routing Type - Source Route	Source Route	x
IPv6 Routing Type - Type 2	Type 2	x
IPv6 Routing Types - Segment Routing	Segment Routing	x
IPX Message	IPX MSG	x
IPX Routing Information Protocol	IPX RIP	x
IPX WAN	IPX WAN	x
IrCOMM Protocol	IrCOMM	x
IrDA Link Access Protocol	IrLAP	x
IrDA Link Management Protocol	IrLMP	x
IRemoteWinspool SubSystem	IREMOTEWINSPOOL	x
IRemUnknown	IRemUnknown	x
IRemUnknown2	IRemUnknown2	x
ISC Object Management API	OMAPI	x
iSCSI	iSCSI	x
iSCSI Extensions for RDMA	iSER	x
ISDN	ISDN	x
ISDN Q.921-User Adaptation Layer	IUA	x
ISDN supplementary services	ISDN_SUP	x
ISDN User Part	ISUP	x
ISIS HELLO	ISIS HELLO	x
ISMACryp Protocol	ISMACRYP	x
ISMACryp Protocol v1.1	ISMACRYP 1.1	x
ISMACryp Protocol v2.0	ISMACRYP 2.0	x
iSNS	iSNS	x
ISO 10035-1 OSI Connectionless Association Control Service	CLACSE	x
ISO 10589 ISIS Complete Sequence Numbers Protocol Data Unit	ISIS CSNP	x
ISO 10589 ISIS InTRA Domain Routeing Information Exchange Protocol	ISIS	x
ISO 10589 ISIS Link State Protocol Data Unit	ISIS LSP	x
ISO 10589 ISIS Partial Sequence Numbers Protocol Data Unit	ISIS PSNP	x



Soluções de Vanguarda em Segurança da Informação

ISO 8073/X.224 COTP Connection-Oriented Transport Protocol	COTP	x
ISO 8327-1 OSI Session Protocol	SES	x
ISO 8473/X.233 CLNP ConnectionLess Network Protocol	CLNP	x
ISO 8571 FTAM	FTAM	x
ISO 8583-1	ISO 8583	x
ISO 8602/X.234 CLTP ConnectionLess Transport Protocol	CLTP	x
ISO 8650-1 OSI Association Control Service	ACSE	x
ISO 8823 OSI Presentation Protocol	PRES	x
ISO 9542 ESIS Routeing Information Exchange Protocol	ESIS	x
ISO 9548-1 OSI Connectionless Session Protocol	CLSP	x
ISO 9576-1 OSI Connectionless Presentation Protocol	CLPRES	x
ISO/IEC 10747 (1993): Inter Domain Routing Protocol	IDRP	x
ISO/IEC 13818-1	MP2T	x
ISO/IEC 14443	ISO 14443	x
ISO/IEC 7816	ISO 7816	x
ISO/IEC 7816-3	ISO 7816-3	x
ISO15765 Protocol	ISO 15765	x
ISObus	ISOBUS	x
ISObus Virtual Terminal	ISObus VT	x
ISystemActivator ISystemActivator Resolver	ISystemActivator	x
ITS message - CAM	CAM	x
ITS message - CAMv1	CAMv1	x
ITS message - DENM	DENM	x
ITS message - DENMv1	DENMv1	x
ITS message - EVCSN	EVCSN	x
ITS message - EVRSR	EVRSR	x
ITS message - IVIM	IVIM	x
ITS message - IVIMv1	IVIMv1	x
ITS message - MAPEM	MAPEM	x
ITS message - MAPEMv1	MAPEMv1	x
ITS message - RTCMEM	RTCMEM	x
ITS message - SPATEM	SPATEM	x
ITS message - SPATEMv1	SPATEMv1	x
ITS message - SREM	SREM	x
ITS message - SSEM	SSEM	x
ITS message - TISTPG	TISTPG	x



Soluções de Vanguarda em Segurança da Informação

iTunes podCast rss elements	itunes	x
ITU-T E.164 number	E.164	x
ITU-T E.212 number	E.212	x
ITU-T Q.708 ISPC Analysis	Q.708	x
ITU-T Recommendation H.223	H.223	x
ITU-T Recommendation H.223 (Bitswapped)	H.223 (Bitswapped)	x
ITU-T Recommendation H.261	H.261	x
ITU-T Recommendation H.263	H.263	x
ITU-T Recommendation H.263 RTP Payload header (RFC4629)	H.263P	x
IuUP	IuUP	x
iWARP Direct Data Placement and Remote Direct Memory Access Protocol	IWARP_DDP_RDMAP	x
iWARP Marker Protocol data unit Aligned framing	IWARP_MPA	x
Ixia Trailer	IXIATRailer	x
ixveriwave	ixveriwave	x
Java Debug Wire Protocol	JDWP	x
Java RMI	RMI	x
Java Serialization	Serialization	x
JavaScript Object Notation	JSON	x
JPEG File Interchange Format	JFIF (JPEG) image	x
Juniper	Juniper	x
Juniper Netscreen Redundant Protocol	NSRP	x
Juniper Packet Mirror	Jmirror	x
JXTA Message	JXTA Message	x
JXTA P2P	JXTA	x
K12xx	K12xx	x
Kafka	Kafka	x
Kerberized Internet Negotiation of Key	KINK	x
Kerberos	KRB5	x
Kerberos Administration	KADM5	x
Kerberos v4	KRB4	x
Kernel Lock Manager	KLM	x
Keyboard Controller Style Interface	KCS	x
Kingfisher	Kingfisher	x
Kismet Client/Server Protocol	Kismet	x
Kismet Drone/Server Protocol	KDSP	x
kNet Protocol	KNET	x
KNFSD_LE	knfsd_le	x
KNFSD_NEW	knfsd_new	x



Soluções de Vanguarda em Segurança da Informação

KNX/IP	KNX/IP	x
Kontiki Delivery Protocol	KDP	x
Kyoto Tycoon Protocol	Kyoto Tycoon	x
Label Distribution Protocol	LDP	x
LACP	Link Aggregation Control Protocol	x
Landis & Gyr Telegyr 8979	L&G 8979	x
LANforge Traffic Generator	LANforge	x
LAN-Identification (obsoleted)	LAN-Identification (obsoleted)	x
Laplink	Laplink	x
Layer 1 Event Messages	Layer 1 Events	x
Layer 2 Tunneling Protocol	L2TP	x
Layered Coding Transport	RMT-LCT	x
Lb-I/F BSSMAP LE	GSM BSSMAP LE	x
LBM Stateful Resolution Service Protocol	LBMSRS	x
LBM Topic Resolution Protocol	LBMR	x
LBMC Protocol	LBMC	x
LBMPDM over TCP Protocol	LBMPDM-TCP	x
LBMPDM Protocol	LBMPDM	x
LBT Reliable Multicast Protocol	LBT-RM	x
LBT Reliable Unicast Protocol	LBT-RU	x
LBT TCP Protocol	LBT-TCP	x
LCS Application Protocol	LCSAP	x
LDAC Codec	LDAC	x
LeCroy VICP	VICP	x
LGE Monitor	LGE_Monitor	x
Licklider Transmission Protocol	LTP	x
Light Weight DNS RESolver (BIND9)	LWRES	x
Lightweight Directory Access Protocol	LDAP	x
Lightweight M2M TLV	LwM2M-TLV	x
Lightweight Mesh (v1.1.1)	LwMesh	x
Lightweight User Datagram Protocol	UDP-Lite	x
Line Printer Daemon Protocol	LPD	x
Line-based text data	Line-based text data	x
Line-Identification	Line-Identification	x
Link 16	LINK16	x
Link Access Procedure Balanced (LAPB)	LAPB	x
Link Access Procedure Balanced Ethernet (LAPBETHER)	LAPBETHER	x
Link Access Procedure, Channel D (LAPD)	LAPD	x
Link Access Procedure, Channel Dm (LAPDm)	LAPDm	x
Link Access Procedure, Satellite channel (LAPSat)	LAPSat	x



Soluções de Vanguarda em Segurança da Informação

Link Discriminator	Link Discriminator	x
Link Discriminator for BACP	Link Discriminator for BACP	x
Link Layer Discovery Protocol	LLDP	x
Link Layer Topology Discovery	LLTD	x
Link Management Protocol (LMP)	LMP	x
Link Quality Monitoring	Link Quality Monitoring	x
Link Type	Link Type	x
Link-local Multicast Name Resolution	LLMNR	x
Linux 802.11 Netlink	nl80211	x
Linux cooked-mode capture	SLL	x
Linux Generic Netlink protocol	genl	x
Linux Kernel Packet Generator	PKTGEN	x
Linux net_dm (network drop monitor) protocol	net_dm	x
Linux Netfilter NFLOG	NFLOG	x
Linux netlink netfilter protocol	netfilter	x
Linux netlink protocol	NETLINK	x
Linux netlink sock diag protocol	sock_diag	x
Linux rtnetlink (route netlink) protocol	rtnetlink	x
Lithionics Battery Management System	Lithionics BMS	x
Local Area Transport	LAT	x
Local Download Sharing Service	LDSS	x
Local Management Interface	LMI	x
Local Number Portability Database Query	LNPDPQ	x
Local Operating Network	LON	x
Local Security Authority	LSARPC	x
Local Service Discovery	LSD	x
LocalTalk Link Access Protocol	LLAP	x
Locator/ID Separation Protocol	LISP Control	x
Locator/ID Separation Protocol (Data)	LISP Data	x
Locator/ID Separation Protocol (Reliable Transport)	LISP Reliable Transport	x
Log Message	Log	x
Logical Link Control GPRS	GPRS-LLC	x
Logical-Link Control	LLC	x
Logical-Link Control Basic Format XID	Basic Format XID	x
Logotype Certificate Extensions	LogotypeCertExtn	x
LoRaTap header	LoRaTap	x
LoRaWAN Protocol	LoRaWAN	x
Low Level Reader Protocol	LLRP	x
LTE Positioning Protocol (LPP)	LPP	x
LTE Positioning Protocol A (LPPa)	LPPa	x



Soluções de Vanguarda em Segurança da Informação

LTE Positioning Protocol Extensions (LLPe)	LPPe	x
LTE Radio Resource Control (RRC) protocol	LTE RRC	x
Lua Dissection	Lua Dissection	x
Lucent/Ascend debug output	Lucent/Ascend	x
Lustre	lustre	x
Lustre Network	LNet	x
LWAPP Control Message	LWAPP-CNTL	x
LWAPP Encapsulated Packet	LWAPP	x
LWAPP Layer 3 Packet	LWAPP-L3	x
LZS-DCP	LZS-DCP	x
M2 Application Protocol	M2AP	x
M3 Application Protocol	M3AP	x
MAC	MAC	x
MAC Control	MACC	x
MAC-Address	MAC-Address	x
MAC-LTE	MAC-LTE	x
mac-lte-framed	MAC-LTE-FRAMED	x
MAC-NR	MAC-NR	x
MACsec Key Agreement	EAPOL-MKA	x
MAC-Support	MAC-Support	x
Magic Bullet	MAGIC	x
Magic Number	Magic Number	x
Malformed Packet	Malformed packet	x
Management Communication Channel (MCC)	PW Associated Management Communication Channel	x
Management Inline	Management Inline	x
Marker	Link Aggregation Marker Protocol	x
Maximum Receive Unit	Maximum Receive Unit	x
MBMS synchronisation protocol	SYNC	x
MDS Header	MDS Header	x
Media Agnostic USB	MAUSB	x
Media Gateway Control Protocol	MGCP	x
Media Independent Network Transport	MINT	x
Media Independent Network Transport Data	MINT (Data)	x
Media Resource Control Protocol Version 2 (MRCPv2)	MRCPv2	x
Media Server Control Markup Language - draft 07	mscml	x
Media Type	Media	x
Media Type: message/http	message/http	SIM
Media-Independent Handover	MIH	x
MEGACO	MEGACO	x



Soluções de Vanguarda em Segurança da Informação

Mellanox EoIB Encapsulation Header	Mellanox EoIB	x
Memcache Protocol	MEMCACHE	x
Meraki Discovery Protocol	MDP	x
Mesh Header	Mesh	x
Mesh Link Establishment	MLE	x
Message Analyzer WFP Capture AUTH v4	MA WFP Capture AUTH v4	x
Message Analyzer WFP Capture AUTH v6	MA WFP Capture AUTH v6	x
Message Analyzer WFP Capture v4	MA WFP Capture v4	x
Message Analyzer WFP Capture v6	MA WFP Capture v6	x
Message Analyzer WFP Capture2 v4	MA WFP Capture2 v4	x
Message Analyzer WFP Capture2 v6	MA WFP Capture2 v6	x
Message Pack	MsgPack	x
Message Session Relay Protocol	MSRP	x
Message Transfer Part Level 2	MTP2	x
Message Transfer Part Level 3	MTP3	x
Message Transfer Part Level 3 Management	MTP3MG	x
Meta Analysis Tracing Engine	MATE	x
Metadata	META	x
Metamako ethernet trailer	Metamako	x
Microsoft AT-Scheduler Service	ATSVC	x
Microsoft Distributed Link Tracking Server Service	TRKSVR	x
Microsoft Exchange New Mail Notification	NEWMAIL	x
Microsoft File Replication Service API	FRSAPI	x
Microsoft Media Server	MSMMS	x
Microsoft Messenger Service	Messenger	x
Microsoft Network Logon	RPC_NETLOGON	x
Microsoft Plug and Play service	PNP	x
Microsoft PPE/PPC	Microsoft PPE/PPC	x
Microsoft Routing and Remote Access Service	RRAS	x
Microsoft Service Control	SVCCTL	x
Microsoft Spool Subsystem	SPOOLSS	x
Microsoft Telephony API Service	TAPI	x
Microsoft Windows Browser Protocol	BROWSER	x
Microsoft Windows Lanman Remote API Protocol	LANMAN	x
Microsoft Windows Logon Protocol (Old)	SMB_NETLOGON	x
MIDI System Exclusive	SYSEX	x
MIDI System Exclusive DigiTech	SYSEX DigiTech	x
MikroTik MAC-Telnet Protocol	MAC-Telnet	x
Mikrotik Neighbor Discovery Protocol	MNDP	x
MIME file	MIME_FILE	x



Soluções de Vanguarda em Segurança da Informação

MIME Multipart Media Encapsulation	MIME multipart	x
Minecraft Pocket Edition	MCPE	x
MIPv6 Option - Access Network Identifier	Access Network Identifier	x
MIPv6 Option - Access Technology Type Option	Access Technology Type Option	x
MIPv6 Option - Alternate Care-of Address	Alternate Care-of Address	x
MIPv6 Option - Alternate IPv4	Alternate IPv4	x
MIPv6 Option - AUTH-OPTION-TYPE	AUTH-OPTION-TYPE	x
MIPv6 Option - Authorization Data	Authorization Data	x
MIPv6 Option - Binding Authorization Data for FMIPv6 (BADF)	Binding Authorization Data for FMIPv6 (BADF)	x
MIPv6 Option - Binding Identifier	Binding Identifier	x
MIPv6 Option - Binding Refresh Advice	Binding Refresh Advice	x
MIPv6 Option - Care-of Test	Care-of Test	x
MIPv6 Option - Care-of Test Init	Care-of Test Init	x
MIPv6 Option - CGA Parameters	CGA Parameters	x
MIPv6 Option - CGA Parameters Request	CGA Parameters Request	x
MIPv6 Option - Context Request	Context Request	x
MIPv6 Option - Delegated Mobile Network Prefix	Delegated Mobile Network Prefix	x
MIPv6 Option - DNS-UPDATE-TYPE	DNS-UPDATE-TYPE	x
MIPv6 Option - Experimental	Experimental	x
MIPv6 Option - GRE Key	GRE Key	x
MIPv6 Option - Handoff Indicator	Handoff Indicator	x
MIPv6 Option - Home Network Prefix	Home Network Prefix	x
MIPv6 Option - IPv4 Address Acknowledgement	IPv4 Address Acknowledgement	x
MIPv6 Option - IPv4 Care-of Address	IPv4 Care-of Address	x
MIPv6 Option - IPv4 Default-Router Address	IPv4 Default-Router Address	x
MIPv6 Option - IPv4 DHCP Support Mode	IPv4 DHCP Support Mode	x
MIPv6 Option - IPv4 Home Address	IPv4 Home Address	x
MIPv6 Option - IPv4 Home Address Reply	IPv4 Home Address Reply	x
MIPv6 Option - IPv4 Home Address Request	IPv4 Home Address Request	x
MIPv6 Option - Link-local Address	Link-local Address	x
MIPv6 Option - Load Information	Load Information	x
MIPv6 Option - MAG IPv6 Address	MAG IPv6 Address	x
MIPv6 Option - MSG-ID-OPTION-TYPE	MSG-ID-OPTION-TYPE	x
MIPv6 Option - Mobile Network Prefix	Mobile Network Prefix	x
MIPv6 Option - Mobile Node Group Identifier	Mobile Node Group Identifier	x
MIPv6 Option - Mobile Node Identifier	Mobile Node Identifier	x
MIPv6 Option - Mobile Node Link-layer Identifier	Mobile Node Link-layer Identifier	x
MIPv6 Option - Mobile Node Link-local Address Interface Identifier	Mobile Node Link-local Address Interface Identifier	x



Soluções de Vanguarda em Segurança da Informação

MIPv6 Option - Mobility Header IPv6 Address/Prefix	Mobility Header IPv6 Address/Prefix	x
MIPv6 Option - Mobility Header Link-Layer Address	Mobility Header Link-Layer Address	x
MIPv6 Option - NAT Detection	NAT Detection	x
MIPv6 Option - Nonce Indices	Nonce Indices	x
MIPv6 Option - Pad1	Pad1	x
MIPv6 Option - PadN	PadN	x
MIPv6 Option - Permanent Home Keygen Token	Permanent Home Keygen Token	x
MIPv6 Option - Redirect	Redirect	x
MIPv6 Option - Redirect-Capability	Redirect-Capability	x
MIPv6 Option - Restart Counter	Restart Counter	x
MIPv6 Option - Service Selection	Service Selection	x
MIPv6 Option - Signature	Signature	x
MIPv6 Option - Timestamp	Timestamp	x
MIPv6 Option - Vendor Specific	Vendor Specific	x
MISC (pidl)	MISC	x
Miscabling Protocol	MCP	x
MMS	MMS	x
MMS Message Encapsulation	MMSE	x
Mobile Broadband Interface Model	MBIM	x
Mobile IP	Mobile IP	x
Mobile IPv6	MIPv6	x
Mobile Node's Home IP Address	Mobile Node's Home IP Address	x
Modbus	Modbus	x
Modbus RTU	Modbus RTU	x
Modbus/TCP	Modbus/TCP	x
Modbus/UDP	Modbus/UDP	x
Mojito DHT	Mojito	x
MoldUDP	MoldUDP	x
MoldUDP64	MoldUDP64	x
Mongo Wire Protocol	MONGO	x
Monotone Netsync	Netsync	x
Mount Service	MOUNT	x
Moving Picture Experts Group	MPEG	x
Moving Picture Experts Group Audio	MPEG Audio	x
MP4 / ISOBMFF file format	mp4	x
MP4V-ES	MP4V-ES	x
MPEG DSM-CC	MPEG DSM-CC	x
MPEG2 Conditional Access Table	MPEG CA	x
MPEG2 Descriptors	MPEG Descriptor	x



Soluções de Vanguarda em Segurança da Informação

MPEG2 Program Association Table	MPEG PAT	x
MPEG2 Program Map Table	MPEG PMT	x
MPEG2 Section	MPEG SECT	x
MPLS Delay Measurement (DM)	MPLS Delay Measurement (DM)	x
MPLS Direct Loss and Delay Measurement (DLM+DM)	MPLS Direct Loss and Delay Measurement (DLM+DM)	x
MPLS Direct Loss Measurement (DLM)	MPLS Direct Loss Measurement (DLM)	x
MPLS Inferred Loss and Delay Measurement (ILM+DM)	MPLS Inferred Loss and Delay Measurement (ILM+DM)	x
MPLS Inferred Loss Measurement (ILM)	MPLS Inferred Loss Measurement (ILM)	x
MPLS ITU-T Y.1711 OAM	MPLS ITU-T Y.1711 OAM	x
MPLS PW ATM AAL5 CPCS-SDU mode encapsulation	MPLS PW ATM AAL5 SDU	x
MPLS PW ATM Cell Header	MPLS PW ATM Cell Header	x
MPLS PW ATM Control Word	MPLS PW ATM Control Word	x
MPLS PW ATM N-to-One encapsulation, no CW	MPLS PW ATM N:1 no CW	x
MPLS PW ATM N-to-One encapsulation, with CW	MPLS PW ATM N:1 CW	x
MPLS PW ATM One-to-One or AAL5 PDU encapsulation	MPLS PW ATM 1:1 / AAL5 PDU	x
MPLS-MAC	Media Access Control (MAC) Address Withdrawal over Static Pseudowire	x
MPLS-TP Fault-Management	MPLS[-TP] Fault-Management Fault-Management (FM) Protocol	x
MPLS-TP Lock-Instruct	MPLS[-TP] Lock-Instruct Lock-Instruct (LI) Protocol	x
MQ Telemetry Transport Protocol	MQTT	x
MQ Telemetry Transport Protocol for Sensor Networks	MQTT-SN	x
MS Kpasswd	Kpasswd	x
MS Network Load Balancing	MS NLB	x
MS Proxy Protocol	MS Proxy	x
MSN Messenger Service	MSNMS	x
MSNIP: Multicast Source Notification of Interest Protocol	MSNIP	x
MTP 2 Transparent Proxy	M2TP	x
MTP 2 User Adaptation Layer	M2UA	x
MTP 3 User Adaptation Layer	M3UA	x
MTP2 Peer Adaptation Layer	M2PA	x
MUDURL	MUDURL	x
Multi Link Plus Procedure	Multi Link Plus Procedure	x
Multicast Domain Name System	mDNS	x
Multicast Router DIScovery protocol	MRDISC	x

Soluções de Vanguarda em Segurança da Informação

Multicast Source Discovery Protocol	MSDP	x
Multilink Endpoint Discriminator	Multilink Endpoint Discriminator	x
Multilink header format	Multilink header format	x
Multilink MRRU	Multilink MRRU	x
Multilink Short Sequence Number Header	Multilink Short Sequence Number Header	x
Multimedia Internet KEYing	MIKEY	x
MULTIMEDIA-SYSTEM-CONTROL	H.245	x
Multipath Transmission Control Protocol	MPTCP	x
Multiple Mac Registration Protocol	MRP-MMRP	x
Multiple Stream Reservation Protocol	MRP-MSRP	x
Multiple VLAN Registration Protocol	MRP-MVRP	x
MULTIPOINT-COMMUNICATION-SERVICE T.125	T.125	x
Multiprotocol Label Switching Echo	MPLS Echo	x
MultiProtocol Label Switching Header	MPLS	x
MUX27010 Protocol	MUX27010	x
MVRCA (Magnalink)	MVRCA (Magnalink)	x
MySQL Protocol	MySQL	x
Name Binding Protocol	NBP	x
Name Management Protocol over IPX	NMPI	x
NAN protocol	NAN	x
Nano Cryptocurrency Protocol	Nano	x
Nasdaq TotalView-ITCH	NASDAQ-ITCH	x
Nasdaq-SoupTCP version 2.0	NASDAQ-SOUP	x
NAT Port Mapping Protocol	NAT-PMP	x
NBMA Next Hop Resolution Protocol	NHRP	x
NCSI	NCSI	x
Negative-acknowledgment Oriented Reliable Multicast	NORM	x
Negotiating header compression (RFC3545)	Negotiating header compression (RFC3545)	x
Neighborhood Watch Protocol	NWP	x
netANALYZER	netANALYZER	x
NetBIOS	NetBIOS	x
NetBIOS Datagram Service	NBDS	x
NetBIOS Name Service	NBNS	x
NetBIOS over IPX	NBIPX	x
NetBIOS Session Service	NBSS	x
Netdump Protocol	Netdump	x
Netgear Ensemble Protocol	NGE	x
NetMon 802.11 capture header	NetMon 802.11	x
NetPerfMeter Protocol	NetPerfMeterProtocol	x



Soluções de Vanguarda em Segurança da Informação

Netrix Communication Protocol	Netrix	x
NetScaler HA Protocol	NetScaler HA	x
NetScaler Metric Exchange Protocol	NetScaler MEP	x
NetScaler RPC Protocol	NetScaler RPC	x
NetScaler Trace	NS Trace	x
NetScape Certificate Extensions	NS_CERT_EXTS	x
NetWare Core Protocol	NCP	x
NetWare Link Services Protocol	NLSP	x
NetWare Serialization Protocol	NW_SERIAL	x
Network Block Device	NBD	x
Network Data Management Protocol	NDMP	x
Network File System	NFS	x
Network File System CB	NFS CB	x
Network Lock Manager Protocol	NLM	x
Network Monitor Event	NetMon Event	x
Network Monitor Filter	NetMon Filter	x
Network Monitor Header	NetMon Header	x
Network Monitor Network Info	NetMon Network Info	x
Network Monitor Process	NetMon Process	x
Network Monitor System Config	NetMon System Config	x
Network Monitor System Trace	NetMon System Trace	x
Network News Transfer Protocol	NNTP	x
Network Service Header	NSH	x
Network Status Monitor CallBack Protocol	STAT-CB	x
Network Status Monitor Protocol	STAT	x
Network Time Protocol	NTP	x
Network-Based IP Flow Mobility	NBIFOM	x
NexusWare C7 MTP	MTP over NW UDP	x
Nfapi	NFAPI	x
NFSACL	NFSACL	x
NFSAUTH	NFSAUTH	x
NFSD_LE	nfsd_le	x
NG Application Protocol	NGAP	x
NG-RAN Xn Application Protocol (XnAP)	XnAP	x
NIS+	NIS+	x
NIS+ Callback	NIS+ CB	x
NIST_CSOR	NIST_CSOR	x
No callback	No callback	x
No Phone Number Needed	No Phone Number Needed	x
NOE Protocol	NOE	x
Nominal Data Encapsulation (Deprecated)	Nominal Data Encapsulation (Deprecated)	x



Soluções de Vanguarda em Segurança da Informação

Non-Access-Stratum (NAS)PDU	NAS-EPS	x
Non-Access-Stratum 5GS (NAS)PDU	NAS-5GS	x
Non-Time-Synchronous Control Format	NTSCF	x
Nordic BLE Sniffer	NORDIC_BLE	x
Nortel Discovery Protocol	NDP	x
Novell Cluster Services	NCS	x
Novell Distributed Print System	NDPS	x
Novell Modular Authentication Service	NMAS	x
Novell PKIS ASN.1 type	novell_pkis	x
Novell SecretStore Services	SSS	x
NR Positioning Protocol A (NRPPa)	NRPPa	x
NR Radio Resource Control (RRC) protocol	NR RRC	x
NRUP	NRUP	x
NSN FLIP	FLIP	x
NTLM Secure Service Provider	NTLMSSP	x
Null/Loopback	Null	x
Numbered Mode	Numbered Mode	x
Number-String Decoding Error	Number-string decoding error	x
NVM Express	nvme	x
NVM Express Fabrics RDMA	NVMe Fabrics RDMA	x
NVM Express Fabrics TCP	NVMe/TCP	x
NXP 802.15.4 Sniffer Protocol	NXP 802154 Sniffer	x
NXP MiFare	MiFare	x
NXP PN532	PN532	x
NXP PN532 HCI	PN532_HCI	x
OAMPDU	Ethernet OAM PDU	x
OBD-II PID	OBD-II	x
OBEX Protocol	OBEX	x
OBEX Raw Application Parameters	Raw Application Parameters	x
Object Security for Constrained RESTful Environments	OSCORE	x
OCFS2 Networking	OCFS2	x
Octet Encoding Rules (ASN.1)	OER	x
OFDM Downstream Profile Test Acknowledge	DOCSIS OPT-ACK	x
OFDM Downstream Profile Test Request	DOCSIS OPT-REQ	x
OFDM Downstream Profile Test Response	DOCSIS OPT-RSP	x
OICQ - IM software, popular in China	OICQ	x
OMA Internal Location Protocol	ILP	x
OMA UserPlane Location Protocol	ULP	x
OMRON FINS Protocol	OMRON FINS	x
One-way Active Measurement Protocol	OWAMP-Test	x



Soluções de Vanguarda em Segurança da Informação

Online Certificate Status Protocol	OCS	x
ONTAP_GX_V3	ontap_gx_v3	x
ONTAP_V3	ontap_v3	x
ONTAP_V4	ontap_v4	x
OpcUa Binary Protocol	OpcUa	x
Open IPTV Forum CSPG-CI+	OIPF CI+	x
Open Policy Service Interface	OPSI	x
Open Shortest Path First	OSPF	x
Open Sound Control Encoding	OSC	x
OpenBSD Encapsulating device	ENC	x
OpenBSD Packet Filter log file	PFLOG	x
OpenBSD Packet Filter log file, pre 3.4	PFLOG-OLD	x
OpenFlow	OpenFlow	x
OpenFlow 1.0	openflow_v1	x
OpenFlow 1.3	openflow_v4	x
OpenFlow 1.4	openflow_v5	x
OpenFlow 1.5	openflow_v6	x
openSAFETY	openSAFETY	x
openSAFETY over UDP	openSAFETY ov. UDP	x
OpenThread	OpenThread	x
OpenVPN Protocol	OpenVPN	x
OpenWire	OpenWire	x
Optimized Link State Routing Protocol	OLSR	x
OptoMMP	OptoMMP	x
OSI	OSI	x
Osmocom General Subscriber Update Protocol	GSUP	x
OsmoTRX Control / Clock Protocol	OsmoTRXC	x
OsmoTRX Data Protocol	OsmoTRXD	x
OSSP	Organization Specific Slow Protocol	x
OUCH	OUCH	x
OUI	OUI	x
P_Mul (ACP142)	P_MUL	x
Packed Encoding Rules (ASN.1 X.691)	PER	x
Packet Cable Lawful Intercept	PCLI	x
Packet Cable Lawful Intercept (8 byte CCCID)	PCLI8 (8 byte CCCID)	x
Packet Cable Lawful Intercept (timestamp)	PCLI12 (timestamp)	x
Packet Cable Lawful Intercept (timestamp, case ID)	PCLI20 (timestamp, case ID)	x
Packet comments	Pkt_Comment	x
Packet Forwarding Control Protocol	PFCP	x
PacketBB Protocol	PacketBB	x



Soluções de Vanguarda em Segurança da Informação

PacketCable	PKTC	x
PacketCable AVPs	PACKETCABLE	x
PacketCable Call Content Connection	PKT CCC	x
PacketCable MTA FQDN	PKTC MTA FQDN	x
Packetized Elementary Stream	MPEG PES	x
PacketLogger	PKTLOG	x
Palo Alto Heartbeat Backup	Palo Alto Heartbeat Backup	x
Paltalk Messenger Protocol	Paltalk	x
Parallel Redundancy Protocol (IEC62439 Part 3)	PRP	x
Parallel Virtual File System	PVFS	x
Parlay Dissector Using GIOP API	PARLAY	x
Path Computation Element communication Protocol	PCEP	x
Pathport Protocol	Pathport	x
PC NFS	PCNFSD	x
PCAP File Format	File-PCAP	x
pcap/pcapng packet data	pcap_pktdata	x
Pcapng block	PCAPNG	x
PCAPNG File Format	File-PCAPNG	x
PCOM ASCII	PCOM ASCII	x
PCOM BINARY	PCOM BINARY	x
PCOM/TCP	PCOM/TCP	x
PDC Protocol	PDC	x
PDCP-LTE	PDCP-LTE	x
PDCP-NR	PDCP-NR	x
PDN Address	PDN Address	x
PDN Identifier	PDN Identifier	x
PDN Type	PDN Type	x
Peer Name Resolution Protocol	PNRP	x
Pegasus Lightweight Stream Control	LSC	x
Performance Co-Pilot	PCP	x
Performance Co-Pilot Proxy	PMPROXY	x
Phone Delta	Phone Delta	x
Picture Transfer Protocol Over IP	PTP/IP	x
Ping Pong Protocol	PingPongProtocol	x
PKCS#1	PKCS-1	x
PKCS#12: Personal Information Exchange	PKCS12	x
PKCS10 Certification Request	PKCS10	x
PKINIT	PKInit	x
PKIX Attribute Certificate	PKIXAC	x
PKIX CERT File Format	PKIX Certificate	x



Soluções de Vanguarda em Segurança da Informação

PKIX Qualified	PKIXQUALIFIED	x
PKIX Time Stamp Protocol	PKIXTSP	x
PKIX1Explicit	PKIX1EXPLICIT	x
PKIX1Implicit	PKIX1IMPLICIT	x
PKIXProxy (RFC3820)	PKIXPROXY	x
PKTAP packet header	PKTAP	x
Plan 9	9P	x
poc-settings XML doc (RFC 4354)	poc-settings	x
Point-to-Point Protocol	PPP	x
Point-to-Point Tunneling Protocol	PPTP	x
Port Aggregation Protocol	PAGP	x
Port Control Protocol	Port Control	x
Portable Network Graphics	PNG	x
Portmap	Portmap	x
Post Office Protocol	POP	x
PostgreSQL	PGSQL	x
PPI antenna decoder	PPI antenna Decoder	x
PPI Geotagging GPS tag decoder	PPI GPS Decoder	x
PPI Packet Header	PPI	x
PPI sensor decoder	PPI sensor Decoder	x
PPI vector decoder	PPI vector Decoder	x
PPP Bandwidth Allocation Control Protocol	PPP BACP	x
PPP Bandwidth Allocation Protocol	PPP BAP	x
PPP Bridging Control Protocol Bridged PDU	PPP BCP BPDU	x
PPP Bridging Control Protocol Network Control Protocol	PPP BCP NCP	x
PPP Callback Control Protocol	PPP CBCP	x
PPP CDP Control Protocol	PPP CDPCP	x
PPP Challenge Handshake Authentication Protocol	PPP CHAP	x
PPP Compressed Datagram	PPP Comp	x
PPP Compression Control Protocol	PPP CCP	x
PPP for Data Compression in Data Circuit-Terminating Equipment (DCE)	PPP for Data Compression in Data Circuit-Terminating Equipment (DCE)	x
PPP In HDLC-Like Framing	PPP-HDLC	x
PPP IP Control Protocol	PPP IPCP	x
PPP IPv6 Control Protocol	PPP IPV6CP	x
PPP Link Control Protocol	PPP LCP	x
PPP MPLS Control Protocol	PPP MPLSCP	x
PPP Multilink Protocol	PPP MP	x
PPP Multiplexing	PPP PPPMux	x



Soluções de Vanguarda em Segurança da Informação

PPP OSI Network Layer Control Protocol	PPP OSINLCP	x
PPP Password Authentication Protocol	PPP PAP	x
PPPMux Control Protocol	PPP PPPMuxCP	x
PPP-over-Ethernet	PPPoE	x
PPP-over-Ethernet Discovery	PPPoED	x
PPP-over-Ethernet Session	PPPoES	x
Pragmatic General Multicast	PGM	x
Precision Time Protocol (IEEE1588)	PTP	x
Predictor type 1	Predictor type 1	x
Predictor type 2	Predictor type 2	x
Prefix Elision	Prefix Elision	x
presence XML doc (RFC 3863)	presence	x
Primary DNS Server IP Address	Primary DNS Server IP Address	x
Primary NBNS Server IP Address	Primary NBNS Server IP Address	x
Primary_Data	pd	x
Printer Access Protocol	PrAP	x
Prism capture header	Prism	x
Privilege Server operations	rpriv	x
Profiles (RFC3241)	Profiles (RFC3241)	x
PROFINET DCP	PN-DCP	x
PROFINET IO	PNIO	x
PROFINET IO (Apdu Status)	PNIO (Apdu Status)	x
PROFINET IO (Controller)	PNIO (Controller Interface)	x
PROFINET IO (Device)	PNIO (Device Interface)	x
PROFINET IO (Implicit Ar)	PNIO (Implicit Ar)	x
PROFINET IO (Parameter Server)	PNIO (Parameter Server Interface)	x
PROFINET IO (Supervisor)	PNIO (Supervisor Interface)	x
PROFINET MRP	PN-MRP	x
PROFINET MRRT	PN-MRRT	x
PROFINET PTCP	PN-PTCP	x
PROFINET Real-Time Protocol	PN-RT	x
Pro-MPEG Code of Practice #3 release 2 FEC Protocol	2dparityfec	x
Proprietary PCAP	PPCAP	x
Protocol Buffers	ProtoBuf	x
Protocol Configuration Options	Protocol Configuration Options	x
Protocol Field Compression	Protocol Field Compression	x
Protocol for carrying Authentication for Network Access	PANA	x
Protocol Independent Multicast	PIM	x
PROXY Protocol	PROXY	x



Soluções de Vanguarda em Segurança da Informação

PSC	MPLS[-TP] Protection State Coordination (PSC) Protocol	x
Pseudo-Wire OAM	PW-OAM Pseudo-Wire OAM Protocol	x
Pseudowire Padding	PW Padding	x
Puddle Jumper	Puddle Jumper	x
PULSE protocol for Linux Virtual Server redundancy	PULSE	x
PW Associated Channel Header	PW Associated Channel	x
PW Ethernet Control Word	Ethernet PW (with CW)	x
PW Frame Relay DLCI Control Word	Frame Relay DLCI PW	x
PW MPLS Control Word (generic/preferred)	Generic PW (with CW)	x
Q.2931	Q.2931	x
Q.931	Q.931	x
Q.932	Q932	x
Q.932 Operations Service Element	Q932.ROS	x
Q.933	Q.933	x
QNX6 QNET KIF protocol	KIF	x
QNX6 QNET LR protocol	LR	x
QNX6 QNET LWL4 protocol	LWL4	x
QNX6 QNET Network Resolver protocol	NR	x
QNX6 QNET QOS protocol	QOS	x
QSIG	QSIG	x
Quake II Network Protocol	QUAKE2	x
Quake III Arena Network Protocol	QUAKE3	x
Quake Network Protocol	QUAKE	x
QuakeWorld Network Protocol	QUAKEWORLD	x
Qualified Logical Link Control	QLLC	x
Quality Protocol	Quality Protocol	x
QUIC IETF	QUIC	x
Radio Access Network Application Part	RANAP	x
Radio Link Control	RLC	x
Radio Link Control, Medium Access Control, 3GPP TS44.060	GSM RLC MAC	x
Radio Resource Control (RRC) protocol	RRC	x
Radio Resource LCS Protocol (RRLP)	RRLP	x
Radio Signalling Link (RSL)	RSL	x
RADIUS Protocol	RADIUS	x
RakNet game networking protocol	RakNet	x
Raw packet data	Raw	x
RDMnet	RDMnet	x
Real Data Transport	RDT	x



Soluções de Vanguarda em Segurança da Informação

Real Time Location System	RTLS	x
Real Time Messaging Protocol	RTMPT	x
Real Time Streaming Protocol	RTSP	x
Realm Specific IP Protocol	RSIP	x
Real-Time Media Access Control	RTmac	x
Real-Time Publish-Subscribe Wire Protocol	RTPS	x
Real-time Transport Control Protocol	RTCP	x
Real-Time Transport Protocol	RTP	x
Real-Time Transport Protocol ED137 Extensions	RTP-ED137	x
Reason	Reason	x
Redback	Redback	x
Redback Lawful Intercept	RedbackLI	x
Redundant Link Management Protocol	RLM	x
Reginfo XML doc (RFC 3680)	reginfo	x
Registry server administration operations.	RS_REPADM	x
Registry Server Attributes Manipulation Interface	RS_ATTR	x
Reliable UDP	RUUDP	x
Remote Desktop Protocol	RDP	x
Remote Device Management	RDM	x
Remote Management Control Protocol	RMCP	x
Remote Override interface	roverride	x
Remote Packet Capture	RPCAP	x
Remote Procedure Call	RPC	x
Remote Process Execution	EXEC	x
Remote Program Load	RPL	x
Remote Quota	RQUOTA	x
Remote Registry Service	WINREG	x
Remote sec_login preauth interface.	rsec_login	x
Remote Shared Virtual Disk	RSVD	x
Remote Shell	RSH	x
Remote Wall protocol	RWALL	x
REsource LOcation And Discovery	RELOAD	x
REsource LOcation And Discovery Framing	RELOAD FRAMING	x
Resource ReserVation Protocol (RSVP)	RSVP	x
Resource ReserVation Protocol (RSVP-E2EI)	RSVP-E2EI	x
Retix Spanning Tree Protocol	R-STP	x
RFC 2250 MPEG1	MPEG1	x
RFC 2435 JPEG	JPEG	x
RFC 2833 RTP Event	RTP Event	x
RFC 4695/6295 RTP-MIDI	RTP-MIDI	x
RFC 7468 file format	rfc7468	x



Soluções de Vanguarda em Segurança da Informação

RFtap Protocol	RFtap	x
Riemann	Riemann	x
RIPng	RIPng	x
RLC-LTE	RLC-LTE	x
RLC-NR	RLC-NR	x
Rlogin Protocol	Rlogin	x
RMCP Security-extensions Protocol	RSP	x
RObust Header Compression (ROHC)	ROHC	x
Roofnet Protocol	Roofnet	x
Router-port Group Management Protocol	RGMP	x
Routing Header for IPv6	IPv6 Routing	x
Routing Information Protocol	RIP	x
Routing Table Maintenance Protocol	RTMP	x
RPC Browser	RPC_BROWSER	x
RPC over RDMA	RPCoRDMA	x
RPKI-Router Protocol	RPKI-Router Protocol	x
RS Interface properties	RS_PLCY	x
rss	rss	x
RSTAT	RSTAT	x
RSYNC File Synchroniser	RSYNC	x
RTAC Serial	RTAC Serial	x
RTcfg	RTcfg	x
RTI TCP Transport Protocol	RTITCP	x
RTP compression (RFC2508)	RTP compression (RFC2508)	x
RTP Payload for Redundant Audio Data (RFC 2198)	RAD (RFC2198)	x
Ruby Marshal Object	Rbm	x
RX Protocol	RX	x
S1 Application Protocol	S1AP	x
S101	S101	x
S7 Communication	S7COMM	x
SADMIND	SADMIND	x
SAE J1939	J1939	x
SAIA Ether-S-I/O protocol	ESIO	x
SAIA S-Bus	SBUS	x
Sametime Protocol	SAMETIME	x
SAMIS-TYPE-1 Record	SAMIS-TYPE-1 Record	x
SAMR (pidl)	SAMR	x
SAToP (no RTP support)	SAToP (no RTP)	x
SBc Application Part	SBcAP	x
Scripting Service Protocol	SSP	x



Soluções de Vanguarda em Segurança da Informação

SCSI	SCSI	x
SCSI_MMC	SCSI_MMC	x
SCSI_OSD	SCSI_OSD	x
SCSI_SBC	SCSI_SBC	x
SCSI_SMC	SCSI_SMC	x
SCSI_SSC	SCSI_SSC	x
SCTE-35 Private Command	SCTE35 PC	x
SCTE-35 Splice Information	SCTE 35	x
SCTE-35 Splice Insert	SCTE35 SI	x
SCTE-35 Splice Schedule	SCTE35 SS	x
SCTE-35 Time Signal	SCTE35 TS	x
Scylla RPC protocol	Scylla	x
SDAP	SDAP	x
SDH/SONET Protocol	SDH	x
SEBEK - Kernel Data Capture	SEBEK	x
Secondary DNS Server IP Address	Secondary DNS Server IP Address	x
Secondary NBNS Server IP Address	Secondary NBNS Server IP Address	x
Secure Socket Tunneling Protocol	SSTP	x
SEL Protocol	SEL Protocol	x
Self Describing Pad	Self Describing Pad	x
Sequenced Packet eXchange	SPX	x
Sequenced Packet Protocol	SPP	x
SERCOS III V1.1	SERCOS III V1.1	x
Serial Infrared	SIR	x
Serial Terminal Mode Interface	TMode	x
Server Service	SRVSVC	x
Server/Application State Protocol	SASP	x
Service Advertisement Protocol	IPX SAP	x
Service Location Protocol	SRVLOC	x
Session Announcement Protocol	SAP	x
Session Description Protocol	SDP	x
Session Initiation Protocol	SIP	x
Session Initiation Protocol (SIP as raw text)	Raw_SIP	x
Session Multiplex Protocol	SMP	x
Session Traversal Utilities for NAT	STUN	x
Settings for Microsoft Distributed File System	NETDFS	x
SGI Mount Service	SGI MOUNT	x
SGs Application Part (SGsAP)	SGSAP	x
Shared Memory Communications - RDMA	SMCR	x
Shim6 Protocol	Shim6	x
Short Frame	Short frame	x



Soluções de Vanguarda em Segurança da Informação

Short Message Peer to Peer	SMPP	x
Short Message Relaying Service	SMRSE	x
Signaling Compression	SIGCOMP	x
Signalling Connection Control Part	SCCP	x
Signalling Connection Control Part Management	SCCPMG	x
Simple Data Link on SONET/SDH	Simple Data Link on SONET/SDH	x
Simple Mail Transfer Protocol	SMTP	SIM
Simple Network Management Protocol	SNMP	x
Simple Packet Relay Transport	SPRT	x
Simple Protected Negotiation	SPNEGO	x
Simple Service Discovery Protocol	SSDP	x
Simple Traversal of UDP Through NAT	CLASSICSTUN	x
SIMULCRYPT Protocol	SIMULCRYPT	x
Sinec H1 Protocol	H1	x
Sipfrag	SIPFRAG	x
Sippy RTPproxy Protocol	RTPproxy	x
Skinny Client Control Protocol	SKINNY	x
SKYPE	SKYPE	x
SliMP3 Communication Protocol	SliMP3	x
Slow Protocols	802.3 Slow protocols	x
Smart Message Language	SML	x
SMB (Server Message Block Protocol)	SMB	SIM
SMB MailSlot Protocol	SMB Mailslot	x
SMB Pipe Protocol	SMB Pipe	x
SMB Witness Service	WITNESS	x
SMB2 (Server Message Block Protocol version 2)	SMB2	x
SMB-Direct (SMB RDMA Transport)	SMBDirect	x
SNA-over-Ethernet	SNAETH	x
SNMP Multiplex Protocol	SMUX	x
Snort Alerts	Snort	x
Societe Internationale de Telecommunications Aeronautiques	SITA	x
Socks Protocol	Socks	x
SolarEdge monitoring protocol	SolarEdge	x
Solaris IPNET	IPNET	x
SOME/IP Protocol	SOME/IP	x
SOME/IP Service Discovery Protocol	SOME/IP-SD	x
Sony FeliCa	FeliCa	x
SoulSeek Protocol	SoulSeek	x
SoupBinTCP	SoupBinTCP	x
Spanning Tree Protocol	STP	x



Soluções de Vanguarda em Segurança da Informação

Spanning-Tree-Protocol (old formatted)	Spanning-Tree-Protocol (old formatted)	x
SPDY	SPDY	x
Spice protocol	Spice	x
Spirent Test Center Signature	STCSIG	x
SPNEGO Extended Negotiation Security Mechanism	NEGOEX	x
SPNEGO-KRB5	SPNEGO-KRB5	x
Spotlight metadata search service	MDSSVC	x
SPRAY	SPRAY	x
SRT Protocol	SRT	x
SS7 SCCP-User Adaptation Layer	SUA	x
SSCF-NNI	SSCF-NNI	x
SSCOP	SSCOP	x
SSH Protocol	SSH	x
Stac Electronics LZS	Stac Electronics LZS	x
Stac Electronics LZS (Ascend Proprietary version)	Stac Electronics LZS (Ascend Proprietary version)	x
STANAG 4406 Message	P772	x
STANAG 4607 (GMTI Format)	STANAG 4607	x
STANAG 5066 (SIS layer)	STANAG 5066 SIS	x
STANAG 5066(DTS layer)	STANAG 5066 DTS	x
Standard Interface for Multiple Platform Link Evaluation	SIMPLE	x
StarTeam	StarTeam	x
Stateless Transport Tunneling	STT	x
Steam In-Home Streaming Discovery Protocol	Steam IHS Discovery	x
Stream Control Transmission Protocol	SCTP	x
String Errors	String errors	x
Subnetwork Dependent Convergence Protocol	SNDCP	x
Subnetwork Dependent Convergence Protocol XID	SNDCP XID	x
SVR4	svr4	x
swIPe IP Security Protocol	swIPe	x
Symantec Enterprise Firewall	Symantec	x
Symbian OS BTSNOOP File Format	BTSNOOP	x
Synchronized Multimedia Integration Language	smil	x
Synchronous Data Link Control (SDLC)	SDLC	x
Synergy	Synergy	x
Sysdig System Call	Sysdig Event	x
Syslog message	Syslog	x
System Call	Syscall	x
systemd Journal Entry	systemd Journal	x



Soluções de Vanguarda em Segurança da Informação

Systems Network Architecture	SNA	x
Systems Network Architecture XID	SNA XID	x
T.30	T.30	x
T.38	T.38	x
Tabular Data Stream	TDS	x
TACACS	TACACS	x
TACACS+	TACACS+	x
Tango Dissector Using GIOP API	TANGO	x
Tazmen Sniffer Protocol	TZSP	x
TCG_CP_OIDS	TCG_CP_OIDS	x
TCP based Robot Operating System protocol (TCPROS)	TCPROS	x
TCP Encapsulation of IPsec Packets	TCPENCAP	x
TCP Option - CC	CC	x
TCP Option - CC.ECHO	CC.ECHO	x
TCP Option - CC.NEW	CC.NEW	x
TCP Option - Echo	Echo	x
TCP Option - Echo reply	Echo reply	x
TCP Option - End of Option List (EOL)	End of Option List (EOL)	x
TCP Option - Experimental	Experimental	x
TCP Option - Maximum segment size	Maximum segment size	x
TCP Option - No-Operation (NOP)	No-Operation (NOP)	x
TCP Option - Quick-Start	Quick-Start	x
TCP Option - Riverbed Probe	Riverbed Probe	x
TCP Option - Riverbed Transparency	Riverbed Transparency	x
TCP Option - SACK	SACK	x
TCP Option - SACK permitted	SACK permitted	x
TCP Option - SCPS capabilities	SCPS capabilities	x
TCP Option - SCPS corruption experienced	SCPS corruption experienced	x
TCP Option - SCPS record boundary	SCPS record boundary	x
TCP Option - Selective Negative Acknowledgment	Selective Negative Acknowledgment	x
TCP Option - TCP Fast Open	TCP Fast Open	x
TCP Option - TCP MD5 signature	TCP MD5 signature	x
TCP Option - Timestamps	Timestamps	x
TCP Option - Unknown	Unknown	x
TCP Option - User Timeout	User Timeout	x
TCP Option - Window scale	Window scale	x
TDMA RTmac Discipline	TDMA	x
TDMoP protocol	TDMoP	x
Teamspeak2 Protocol	TeamSpeak2	x
TeamSpeak3 DNS	TSDNS	x



Soluções de Vanguarda em Segurança da Informação

Technically Enhanced Capture Module Protocol	TECMP	x
Technically Enhanced Capture Module Protocol Payload	TECMP Payload	x
TEI Management Procedure, Channel D (LAPD)	TEI_MANAGEMENT	x
TEKLINK	TEKLINK	x
Telkonet powerline	TELKONET	x
Telnet	TELNET	x
Teredo IPv6 over UDP tunneling	Teredo	x
TETRA Protocol	TETRA	x
The Armagetron Advanced OpenGL Tron clone	Armagetronad	x
Thread	Thread	x
Thread Address	Thread Address	x
Thread Beacon	Thread Beacon	x
Thread CoAP	Thread CoAP	x
Thread Diagnostics	Thread Diagnostics	x
Thread MeshCoP	Thread MeshCoP	x
Thread Network Data	Thread NWD	x
Thrift Protocol	Thrift	x
Tibia Protocol	Tibia	x
Time Protocol	TIME	x
Time Synchronization Protocol	TSP	x
Time-Synchronous Control Format	TSCF	x
Tinkerforge Protocol	TFP	x
Tiny Transport Protocol	TTP	x
Tinygram-Compression	Tinygram-Compression	x
TiVoConnect Discovery Protocol	TiVoConnect	x
TN3270 Protocol	TN3270	x
TN5250 Protocol	TN5250	x
Token-Ring	Token-Ring	x
Token-Ring Media Access Control	TR MAC	x
Totem Single Ring Protocol implemented in Corosync Cluster Engine	COROSYNC/TOTEMSRP	x
Totemnet Layer of Corosync Cluster Engine	COROSYNC/TOTEMNET	x
TPKT - ISO on TCP - RFC1006	TPKT	x
TPM2.0 Protocol	TPM2.0	x
Transaction Capabilities Application Part	TCAP	x
Transmission Control Protocol	TCP	x
Transparent Inter Process Communication(TIPC)	TIPC	x
Transparent Network Substrate Protocol	TNS	x
Transport Adapter Layer Interface v1.0, RFC 3094	TALI	x
Transport Layer Security	TLS	x



Soluções de Vanguarda em Segurança da Informação

Transport-Neutral Encapsulation Format	TNEF	x
TRANSUM RTE Data	TRANSUM	x
Trapeze Access Point Access Protocol	TAPA	x
TRILL	TRILL	x
Trivial File Transfer Protocol	TFTP	x
TTEthernet	TTE	x
TTEthernet Protocol Control Frame	TTE PCF	x
Tunnel Extensible Authentication Protocol	TEAP	x
Turbocell Aggregate Data	Turbocell Aggregate Data	x
Turbocell Header	Turbocell	x
TURN Channel	TURNCHANNEL	x
TwinCAT IO-RAW	IO-RAW	x
TwinCAT NV	TC-NV	x
Twisted Banana	Banana	x
TwoWay Active Measurement Control Protocol	TWAMP-Control	x
TwoWay Active Measurement Test Protocol	TWAMP-Test	x
Type Length Mismatch	Type length mismatch	x
UA/SIP Protocol	UASIP	x
UA/UDP Encapsulation Protocol	UAUDP	x
UA3G Message	UA3G	x
Ubertooth	UBERTOOTH	x
Ubiquiti Discovery Protocol	UBDP	x
UDP based FTP w/ multicast	UFTP	x
UDP based FTP w/ multicast V4	UFTP4	x
UDP based FTP w/ multicast V5	UFTP5	x
UDP Encapsulation of IPsec Packets	UDPENCAP	x
UDPCP	UDPCP	x
UDT Protocol	UDT	x
UHD	UHD	x
Unidirectional Link Detection	UDLD	x
Unified Diagnostic Services	UDS	x
UNISTIM Protocol	UNISTIM	x
Unisys Transmittal System	UTS	x
Universal Alcatel Protocol	UA	x
Universal Computer Protocol	UCP	x
Unknown	unknown	x
Unlicensed Mobile Access	UMA	x
Unreassembled Fragmented Packet	Unreassembled fragmented packet	x
Unreliable Multicast Inter-ORB Protocol	MIOP	x
USB	USB	x
USB 3 Vision	U3V	x



Soluções de Vanguarda em Segurança da Informação

USB Audio	USBAUDIO	x
USB CCID	USBCCID	x
USB Communications and CDC Control	USBCOM	x
USB Device Firmware Upgrade	USB DFU	x
USB HID	USBHID	x
USB HUB	USBHUB	x
USB Link Layer	USBLL	x
USB Mass Storage	USBMS	x
USB Printer	USBPRINTER	x
USB Video	USBVIDEO	x
USBIP Protocol	USBIP	x
USBPort	USBPort	x
User Datagram Protocol	UDP	x
UserLog Protocol	UserLog	x
uTorrent Transport Protocol	BT-uTP	x
UTRAN Iub interface NBAP signalling	NBAP	x
UTRAN IuBC interface SABP signaling	SABP	x
UTRAN Iuh interface HNBAP signalling	HNBAP	x
UTRAN Iuh interface RUA signalling	RUA	x
UTRAN Iupc interface Positioning Calculation Application Part (PCAP)	PCAP	x
UTRAN Iur interface Radio Network Subsystem Application Part	RNSAP	x
V.150.1 State Signaling Event	V.150.1 SSE	x
V.42bis compression	V.42bis compression	x
V.44/LZJH compression	V.44/LZJH compression	x
V5 Data Link Layer	V5DL	x
V5 Envelope Function (v5ef)	v5ef	x
V5.2	V5.2	x
V5.2-User Adaptation Layer	V5UA	x
VCDU	VCDU	x
Vendor Specific	Vendor Specific	x
Vendor Specific Control Protocol	VSNCIP	x
Vendor Specific Network Protocol	PPP VSNP	x
Veritas Low Latency Transport (LLT)	LLT	x
Video Services over IP	VSIP	x
VINES	VINES	x
Virtual eXtensible Local Area Network	VXLAN	x
Virtual eXtensible Local Area Network (GPE)	VXLAN (GPE)	x
Virtual Network Computing	VNC	x
Virtual Router Redundancy Protocol	VRRP	x



Soluções de Vanguarda em Segurança da Informação

VITA 49 radio transport protocol	VITA 49	x
VLAN Trunking Protocol	VTP	x
VMware Lab Manager	VMLAB	x
VN-Tag	VNTAG	x
VP8	VP8	x
VPP Buffer Metadata	VPP-Metadata	x
VPP Buffer Opaque	VPP-Opaque	x
VPP Buffer Opaque2	VPP-Opaque2	x
VPP Buffer Trace	VPP-Trace	x
VPP Dispatch Trace	VPP	x
VSI protocol	VDP21	x
vSocket	vsock	x
VSS Monitoring Ethernet trailer	VSS Monitoring	x
Vuze DHT Protocol	Vuze-DHT	x
VXI-11 Asynchronous Abort	VXI-11 Async	x
VXI-11 Core Protocol	VXI-11 Core	x
VXI-11 Interrupt	VXI-11 Intr	x
WAI Protocol	WAI	x
Wake On LAN	WOL	x
WAP Binary XML	WBXML	x
WAP Session Initiation Request	WAP SIR	x
watcherinfo XML doc (RFC 3858)	watcherinfo	x
Wave Short Message Protocol(IEEE P1609.3)	WSMP	x
WaveAgent	waveagent	x
Web Cache Communication Protocol	WCCP	x
WebRTC Datachannel Protocol	RTCDC	x
WebSocket	WebSocket	x
WebSphere MQ	MQ	x
WebSphere MQ Programmable Command Formats	MQ PCF	x
Wellfleet Breath of Life	BOFL	x
Wellfleet Compression	WCP	x
Wellfleet HDLC	WHDLC	x
Who	WHO	x
whois	WHOIS	x
Wi-Fi Device Provisioning Protocol	Wi-Fi DPP	x
Wi-Fi Display	WFD	x
Wi-Fi Peer-to-Peer	Wi-Fi P2P	x
Wifi Protected Setup	WPS	x
WiMax AAS-BEAM Messages	WiMax AAS-BEAM	x
WiMax AAS-FEEDBACK Messages	WiMax AAS-FEEDBACK (aas)	x

Soluções de Vanguarda em Segurança da Informação

WiMax ARQ Feedback/Discard/Reset Messages	WiMax ARQ Feedback/Discard/Reset (arq)	x
WiMAX ASN Control Plane Protocol	WiMAX ASN CP	x
WiMax CDMA Code Attribute	CDMA Code Attribute	x
WiMax CLK-CMP Message	WiMax CLK-CMP (clk)	x
WiMax DCD Messages	WiMax DCD	x
WiMax DLMAP Messages	WiMax DLMAP	x
WiMax DREG-CMD Messages	WiMax DREG-CMD	x
WiMax DREG-REQ Messages	WiMax DREG-REQ	x
WiMax DSA Messages	WiMax DSA	x
WiMax DSC Messages	WiMax DSC	x
WiMax DSD Messages	WiMax DSD	x
WiMax DSX-RVD Message	WiMax DSX-RVD (dsx_rvd)	x
WiMax FPC Message	WiMax FPC (fpc)	x
WiMax Generic/Type1/Type2 MAC Header Messages	WiMax Generic/Type1/Type2 MAC Header (hdr)	x
WiMax MAC Management Message	MGMT MSG	x
WiMax Mac to Mac Packet	M2M (m2m)	x
WiMAX MAC-PHY over Ethernet	WiMAX MAC-PHY	x
WiMax PKM-REQ/RSP Messages	WiMax PKM-REQ/RSP (pkm)	x
WiMax PMC-REQ Messages	WiMax PMC-REQ	x
WiMax PMC-RSP Messages	WiMax PMC-RSP	x
WiMax PRC-LT-CTRL Message	WiMax PRC-LT-CTRL (prc)	x
WiMax Protocol	WiMax (wmx)	x
WiMax REG-REQ Messages	WiMax REG-REQ	x
WiMax REG-RSP Messages	WiMax REG-RSP	x
WiMax REP-REQ/RSP Messages	WiMax REP-REQ/RSP (rep)	x
WiMax RES-CMD Message	WiMax RES-CMD (res)	x
WiMax RNG-REQ Messages	WiMax RNG-REQ	x
WiMax RNG-RSP Messages	WiMax RNG-RSP	x
WiMax SBC-REQ/RSP Messages	WiMax SBC-REQ/RSP (sbc)	x
WiMax Sub-TLV Messages	WiMax Sub-TLV (sub)	x
WiMax UCD Messages	WiMax UCD	x
WiMax ULMAP Messages	WiMax ULMAP	x
Windows Search Protocol	MS-WSP	x
WINS (Windows Internet Name Service) Replication	WINS-Replication	x
WireGuard Protocol	WireGuard	x
Wireless Access Station Session Protocol	WASSP	x
Wireless Configuration Service	WZCSVC	x
Wireless Session Protocol	WSP	x
Wireless Transaction Protocol	WTP	x



Soluções de Vanguarda em Segurança da Informação

Wireless Transport Layer Security	WTLS	x
Wi-SUN FAN EAPOL Relay	Wi-SUN EAPOL Relay	x
Wi-SUN FAN Security Extension	Wi-SUN WM-SEC	x
Wi-SUN Field Area Network	Wi-SUN	x
Wi-SUN Netricity Segment	Wi-SUN Netricity Segment	x
Wlan Certificate Extension	WLANCERTXTN	x
Workstation Service	WKSSVC	x
World of Warcraft	WOW	x
WSE remote ethernet	WRETH	x
X Display Manager Control Protocol	XDMCP	x
X.228 OSI Reliable Transfer Service	RTSE	x
X.25	X.25	x
X.25 over TCP	XOT	x
X.29	X.29	x
X.411 Message Access Service	P3	x
X.411 Message Transfer Service	P1	x
X.413 Message Store Service	P7	x
X.420 Information Object	P22	x
X.501 Directory Operational Binding Management Protocol	DOP	x
X.509 Authentication Framework	X509AF	x
X.509 Certificate Extensions	X509CE	x
X.509 Information Framework	X509IF	x
X.509 Selected Attribute Types	X509SAT	x
X.519 Directory Access Protocol	DAP	x
X.519 Directory Information Shadowing Protocol	DISP	x
X.519 Directory System Protocol	DSP	x
X.519 Internet Directly Mapped Protocol	IDMP	x
X.880 OSI Remote Operations Service	ROS	x
X11	X11	x
X711 CMIP	CMIP	x
XCAP Error XML doc (RFC 4825)	xcap-error	x
XIP Serval	XIP Serval	x
XML Configuration Access Protocol Server Capabilities	xcap-caps	x
XMPP Protocol	XMPP	x
Xpress Transport Protocol	XTP	x
X-Rite i1 Display Pro (and derivatives) USB protocol	X-Rite i1 Display Pro	x
Xyplex	XYPLEX	x
Yahoo Messenger Protocol	YHOO	x



Soluções de Vanguarda em Segurança da Informação

Yahoo YMSG Messenger Protocol	YMSG	x
YAMI Protocol	YAMI	x
Yellow Pages Bind	YPBIND	x
Yellow Pages Passwd	YPPASSWD	x
Yellow Pages Service	YPSERV	x
Yellow Pages Transfer	YPXFR	x
Z39.50 Protocol	Z39.50	x
ZBOSS IEEE 802.15.4 dump	ZBOSS dump	x
Zebra Protocol	ZEBRA	x
ZigBee Application Framework	ZigBee APF	x
ZigBee Application Support Layer	ZigBee APS	x
ZigBee Beacon	ZigBee Beacon	x
ZigBee Cluster Library	ZigBee ZCL	x
ZigBee Device Profile	ZigBee ZDP	x
ZigBee Encapsulation Protocol	ZEP	x
ZigBee Green Power Profile	ZigBee Green Power	x
ZigBee IE	ZigBee IE	x
ZigBee IP Beacon	ZigBee IP Beacon	x
ZigBee Network Layer	ZigBee	x
ZigBee SCoP	SCoP	x
ZigBee ZCL Alarms	ZCL Alarms	x
ZigBee ZCL Analog Input Basic	ZCL Analog Input Basic	x
ZigBee ZCL Analog Output Basic	ZCL Analog Output Basic	x
ZigBee ZCL Analog Value Basic	ZCL Analog Value Basic	x
ZigBee ZCL Appliance Control	ZCL Appliance Control	x
ZigBee ZCL Appliance Events & Alert	ZCL Appliance Events & Alert	x
ZigBee ZCL Appliance Identification	ZCL Appliance Identification	x
ZigBee ZCL Appliance Statistics	ZCL Appliance Statistics	x
ZigBee ZCL Ballast Configuration	ZCL Ballast Configuration	x
ZigBee ZCL Basic	ZCL Basic	x
ZigBee ZCL Binary Input Basic	ZCL Binary Input Basic	x
ZigBee ZCL Binary Output Basic	ZCL Binary Output Basic	x
ZigBee ZCL Binary Value Basic	ZCL Binary Value Basic	x
ZigBee ZCL Calendar	ZCL Calendar	x
ZigBee ZCL Color Control	ZCL Color Control	x
ZigBee ZCL Commissioning	ZCL Commissioning	x
ZigBee ZCL Daily Schedule	ZCL Daily Schedule	x
ZigBee ZCL Dehumidification Control	ZCL Dehumidification Control	x
ZigBee ZCL Device Management	ZCL Device Management	x
ZigBee ZCL Device Temperature Configuration	ZCL Device Temperature Configuration	x
ZigBee ZCL DLRC	ZCL DLRC	x



Soluções de Vanguarda em Segurança da Informação

ZigBee ZCL Door Lock	ZCL Door Lock	x
ZigBee ZCL Electrical Measurement	ZCL Electrical Measurement	x
ZigBee ZCL Energy Management	ZCL Energy Management	x
ZigBee ZCL Events	ZCL Events	x
ZigBee ZCL Fan Control	ZCL Fan Control	x
ZigBee ZCL Flow Meas.	ZCL Flow Meas.	x
ZigBee ZCL Green Power	ZCL Green Power	x
ZigBee ZCL Groups	ZCL Groups	x
ZigBee ZCL IAS ACE	ZCL IAS ACE	x
ZigBee ZCL IAS WD	ZCL IAS WD	x
ZigBee ZCL IAS Zone	ZCL IAS Zone	x
ZigBee ZCL Identify	ZCL Identify	x
ZigBee ZCL Illuminance Level Sensing	ZCL Illuminance Level Sensing	x
ZigBee ZCL Illuminance Meas.	ZCL Illuminance Meas.	x
ZigBee ZCL Keep-Alive	ZCL Keep-Alive	x
ZigBee ZCL Key Establishment	ZCL Key Establishment	x
ZigBee ZCL Level Control	ZCL Level Control	x
ZigBee ZCL MDU Pairing	ZCL MDU Pairing	x
ZigBee ZCL Messaging	ZCL Messaging	x
ZigBee ZCL Meter Identification	ZCL Meter Identification	x
ZigBee ZCL Metering	ZCL Metering	x
ZigBee ZCL Multistate Input Basic	ZCL Multistate Input Basic	x
ZigBee ZCL Multistate Output Basic	ZCL Multistate Output Basic	x
ZigBee ZCL Multistate Value Basic	ZCL Multistate Value Basic	x
ZigBee ZCL Occupancy Sensing	ZCL Occupancy Sensing	x
ZigBee ZCL OnOff	ZCL OnOff	x
ZigBee ZCL OnOff Switch Configuration	ZCL OnOff Switch Configuration	x
ZigBee ZCL OTA	ZCL OTA	x
ZigBee ZCL Partition	ZCL Partition	x
ZigBee ZCL Poll Control	ZCL Poll Control	x
ZigBee ZCL Power Configuration	ZCL Power Configuration	x
ZigBee ZCL Power Profile	ZCL Power Profile	x
ZigBee ZCL Prepayment	ZCL Prepayment	x
ZigBee ZCL Pressure Meas.	ZCL Pressure Meas.	x
ZigBee ZCL Price	ZCL Price	x
ZigBee ZCL Pump Configuration and Control	ZCL Pump Configuration and Control	x
ZigBee ZCL Rel. Humidity Meas.	ZCL Relative Humidity Meas.	x
ZigBee ZCL RSSI Location	ZCL RSSI Location	x
ZigBee ZCL Scenes	ZCL Scenes	x
ZigBee ZCL Shade Configuration	ZCL Shade Configuration	x
ZigBee ZCL Sub-Ghz	ZCL Sub-Ghz	x

Soluções de Vanguarda em Segurança da Informação

ZigBee ZCL Temperature Meas.	ZCL Temperature Meas.	x
ZigBee ZCL Thermostat	ZCL Thermostat	x
ZigBee ZCL Thermostat User Interface Configuration	ZCL Thermostat User Interface Configuration	x
ZigBee ZCL Time	ZCL Time	x
ZigBee ZCL Touchlink	ZCL Touchlink	x
ZigBee ZCL Tunneling	ZCL Tunneling	x
Zipped Inter-ORB Protocol	ZIOP	x
Zone Information Protocol	ZIP	x
ZRTP	ZRTP	x
ZVT Kassenschnittstelle	ZVT	x

5. TWI – Web Intelligence

O TWI –Web é um módulo de software desenvolvido para busca, mineração, coleta, correlacionamento de dados, em fontes abertas, mídias sociais, todo ambiente web. Trabalhando com dados estruturados e não estruturados, utilizando *scraping* e APIs.

- 1.1. Toda comunicação é realizada pela interface via web, utilizando as APIs disponíveis que podem poder cotadas conforme o projeto, por exemplo:
 - 1.1.1. Amazon Topsite (ADV)
 - 1.1.2. ASN (BSC)
 - 1.1.3. BadIPs (BSC)
 - 1.1.4. BadIPs IPs Info (BSC)
 - 1.1.5. BadIPs por País (BSC)
 - 1.1.6. Brand Alert (ADV)
 - 1.1.7. BTT (ADV)
 - 1.1.8. Censys.io (ADV)
 - 1.1.9. CISCO Umbrella (ADV)
 - 1.1.10. Contatos dos WebSites (BSC)
 - 1.1.11. DNS Lookup (BSC)
 - 1.1.12. DNS Shodan (ADV)
 - 1.1.13. Domain Availability (BSC)
 - 1.1.14. E-mail Verification (BSC)
 - 1.1.15. GeoLocation por IP (BSC)
 - 1.1.16. IP Reverso (ADV)
 - 1.1.17. MAEC (ADV)



Soluções de Vanguarda em Segurança da Informação

- 1.1.18. MISP (BSC)
- 1.1.19. MITRE (BSC)
- 1.1.20. OpenVAS (ADV)
- 1.1.21. OWASP ZAP (ADV)
- 1.1.22. Registrant Alert (ADV)
- 1.1.23. Reputação do domínio (BSC)
- 1.1.24. Reverse MX(BSC)
- 1.1.25. Reverse NS(BSC)
- 1.1.26. Screenshot (BSC)
- 1.1.27. Seclytics (ADV)
- 1.1.28. Seclytics ASNs (ADV)
- 1.1.29. Seclytics CIDRs (ADV)
- 1.1.30. Seclytics Domínios (ADV)
- 1.1.31. Seclytics IPs (ADV)
- 1.1.32. Shodan (ADV)
- 1.1.33. Shodan Ips (Pesquisa por bloco de IPs) (ADV)
- 1.1.34. SonarQube (ADV)
- 1.1.35. SSLMate (ADV)
- 1.1.36. STIX2 (ADV)
- 1.1.37. Vírus Total IPs (Pesquisa por bloco de IPs) (ADV)
- 1.1.38. Vírus Total Scan URLs (ADV)
- 1.1.39. Vírus Total URLs (ADV)
- 1.1.40. WebSite Categorization (ADV)
- 1.1.41. Whois (ADV)
- 1.1.42. Whois History (ADV)
- 1.1.43. Whois URL e IP (ADV)

1.2. *Scraping* é técnica de extração de dados utilizada para coletar dados de sites. Buscar ofertadas nessa proposta, sem custo adicional:

- 1.2.1. Pastebin - <https://pastebin.com/archive>
- 1.2.2. Bitmagazine - <https://www.bitmag.com.br/category/security/>
- 1.2.3. Canaltech - <http://canaltech.com.br/seguranca/>
- 1.2.4. Computerworld - <http://computerworld.com.br>
- 1.2.5. Defesanet - <http://defesanet.com.br/>
- 1.2.6. Exameinformatica - <http://exameinformatica.sapo.pt/noticias>
- 1.2.7. G1globo - <https://g1.globo.com/economia/tecnologia/>
- 1.2.8. Kaspersky - <https://www.kaspersky.com.br/blog/category/news/>
- 1.2.9. Nic.br - <http://nic.br/noticias/indice/>
- 1.2.10. IT Forum 365 <http://itforum365.com.br/noticias/canais/seguranca>
- 1.2.11. Canaltech Notícias - <http://canaltech.com.br/tag/Seguranca/Noticias/>
- 1.2.12. Canaltech Hacker - <http://canaltech.com.br/tag/Hacker/>

Soluções de Vanguarda em Segurança da Informação

- 1.2.13. Canalttech Espionagem - <http://canaltech.com.br/tag/Espionagem/>
- 1.2.14. Computerworld - <http://computerworld.com.br/>
- 1.2.15. Computerworld Segurança - <http://computerworld.com.br/seguranca>
- 1.2.16. Bitmag Segurança - <http://www.bitmag.com.br/category/security/>
- 1.2.17. Kaspersky - <https://blog.kaspersky.com.br/category/news/>
- 1.2.18. Exame Informática - <http://exameinformatica.sapo.pt/noticias>
- 1.2.19. ClavisSecurity Twitter - <https://twitter.com/ClavisSecurity>
- 1.2.20. SegInfo Twitter - <https://twitter.com/SegInfo>
- 1.2.21. Segurança Digital - https://twitter.com/_SegDigital
- 1.2.22. IT Mídia - <http://idgnow.com.br/>
- 1.2.23. Olhar Digital - <http://olhardigital.uol.com.br/noticias>
- 1.2.24. Reuters - <http://br.reuters.com/news/internet>
- 1.2.25. BBC News- <http://www.bbc.com/>
- 1.2.26. G1 Globo.com - <http://g1.globo.com/tecnologia/index.html>
- 1.2.27. SapoTEK - <https://tek.sapo.pt/expert>
- 1.2.28. Decision Report - <http://www.decisionreport.com.br/>
- 1.2.29. Security Report - <http://securityreport.com.br/>
- 1.2.30. VB - <http://venturebeat.com/category/security/>
- 1.2.31. OODALOOOP - <http://www.infowar.com/>
- 1.2.32. CNet - <http://www.cnet.com/topics/security/>
- 1.2.33. Trend Micro - <http://blog.trendmicro.com/>
- 1.2.34. RCR Wireless News - <http://www.rcrwireless.com/>
- 1.2.35. SoftPedia News - <http://news.softpedia.com/>
- 1.2.36. Imperva - <http://blog.imperva.com/>
- 1.2.37. Hackersec - <https://hackersec.com>
- 1.2.38. Cyberwire - <https://www.thecyberwire.com/>
- 1.2.39. Bitacora Del Malware - http://paper.li/TIC_Security/1381822946
- 1.2.40. Security Week - <http://www.securityweek.com/>
- 1.2.41. International Business Times - <http://www.ibtimes.co.uk/cybersecurity>
- 1.2.42. ZDNet - <http://www.zdnet.com>
- 1.2.43. SoftPedia News - <http://news.softpedia.com/cat/Security/Hacking-News/>
- 1.2.44. PCWorld - <http://www.pcworld.com/category/security/>
- 1.2.45. Reuters - <http://www.reuters.com/news/technology>
- 1.2.46. BBC Technology - <http://www.bbc.com/news/technology>
- 1.2.47. Securelist - <https://securelist.com/all/>
- 1.2.48. Hack Cave - <http://www.hackcave.net/search/label/Security%20News>
- 1.2.49. Guardicore - <https://www.guardicore.com/blog/>
- 1.2.50. Stay Safe Online - <https://staysafeonline.org/about-us/news/>
- 1.2.51. Help Net Security - <https://www.helpnetsecurity.com/view/news/>
- 1.2.52. Osac - <https://www.osac.gov/Pages/News.aspx>
- 1.2.53. Digital Trends - <http://www.digitaltrends.com/computing/>
- 1.2.54. Next Gov - <http://www.nextgov.com/cybersecurity/?oref=ng-nav>
- 1.2.55. Defender World Net - http://www.defenseworld.net/category/4/38/Cyber_Security



Soluções de Vanguarda em Segurança da Informação

- 1.2.56. Dark Reading - <http://www.darkreading.com/archives.asp?newsandcommentary=yes>
- 1.2.57. Security Intelligence - <https://securityintelligence.com/news/>
- 1.2.58. Heimdal Security - <https://heimdalsecurity.com/blog/security-alerts/>
- 1.2.59. Noticias de Seguridad Informática - <http://noticiasseguridad.com/>
- 1.2.60. RT - https://actualidad.rt.com/todas_las_noticias
- 1.2.61. El País Tecnología - <http://tecnologia.elpais.com/>
- 1.2.62. The New York Times Technology - <http://www.nytimes.com/pages/technology/index.html?action=click&pgtype=Homepage®ion=TopBar&module=HPMiniNav&contentCollection=Tech&WT.nav=page>
- 1.2.63. RZ Redes Zones - <http://www.redeszone.net/>



Soluções de Vanguarda em Segurança da Informação

6. AvantAPI

O AvantAPI é um módulo de software que permite integrações com os demais itens da solução por meio de requisições REST API. A documentação pública da solução pode ser encontrada em <https://avantapi.avantsec.com.br>

Utilizando o AvantAPI é possível que a ferramenta receba dados, faça tratamentos e exportação de informações com outros sistemas externos aos produtos AvantData.

Algumas das características do AvantAPI são:

1.3. Autenticação

1.4. Autorização

1.5. Auditoria

1.6. Log

1.7. Middleware para SGBD (BigData)

1.7.1. Hadoop

1.7.2. Oracle

1.7.3. SQL Server

1.7.4. MySQL

1.7.5. Postgres

1.7.6. Elasticsearch

1.7.7. Caché Intersystems

1.7.8. MariaDB

1.7.9. Cassandra DB

1.7.10. Redis

1.8. Machine Learning (Depende de licença do AvantIntel)

1.8.1. Pré-processamento



Soluções de Vanguarda em Segurança da Informação

1.8.2. Treino

- 1.8.2.1. Regressão
- 1.8.2.2. Classificação
- 1.8.2.3. Clusterização
- 1.8.2.4. Análise de anomalia
- 1.8.2.5. Séries temporais

1.8.3. Predic

1.9. RA2D

- 1.9.1. CRUD de regras
- 1.9.2. Utilização de resultados das regras

1.10. Infra (Depende de licença de AvantSystems)

- 1.10.1. Comissionamento, descomissionamento e monitoramento de módulos de infraestrutura da solução:

- 1.10.1.1. AvantNodeSystems
- 1.10.1.2. AvantSystems
- 1.10.1.3. AvantBaseSystems
- 1.10.1.4. AvantMemSystems
- 1.10.1.5. AvantLBSystems

1.11. Scraping

- 1.11.1. Captura de objetos por:

- 1.11.1.1. Xpath
- 1.11.1.2. Id
- 1.11.1.3. Tipo
- 1.11.1.4. Nome



Soluções de Vanguarda em Segurança da Informação

1.11.2. Anonimização:

1.11.2.1. Proxy

1.11.2.2. Tor

1.12. AvantData

1.12.1. Modelagem de dados

1.12.2. Indexação

1.12.3. Pesquisa

1.12.4. Agregações

1.12.5. Exportação de dados

1.13. Microserviços de Entradas de Saídas

1.13.1. E-mail

1.13.2. Arquivos

1.13.3. Execução de scripts



Soluções de Vanguarda em Segurança da Informação

7. AvantSystems

O AvantSystems é um componente que fornece infraestrutura e permite o desenvolvimento de softwares integrados com os demais itens da solução por meio de requisições REST API.

Com a utilização do AvantSystem, o AvantAPI torna-se um *middleware* para busca, coleta, tratamento e exportação de dados, de maneira a proteger, controlar e auditar os acessos ao AvantData. Com isso o desenvolvedor precisará apenas das credenciais de acesso ao AvantAPI, assim como os perfis de acesso para fazer pesquisas, tratamentos e exportações de dados. A grande vantagem de usar o AvantSystem dessa maneira é que o *Data Lake* e recursos são protegidos pela suíte de produtos.

Com a utilização do AvantSystems o código-fonte dos softwares são de propriedade do cliente e toda a infraestrutura para a execução da aplicação é comissionada e configurada via chamadas de aplicações.

O AvantSystems permite a criação e fornecimento de infraestrutura fornecendo as seguintes funcionalidades

- Balanceadores de carga

- Servidores de aplicação WEB (PHP, Python, Node.js)

- Servidores de bancos de dados em memória e com persistência

- Integração completa com o AvantData via AvantAPI

8. AvantIntel

O TWI – AvantIntel é um módulo de software desenvolvido para pré-processamento, treino, retreino e análise estatística de modelos.

- 1.14. O módulo de aprendizado de máquina tem a capacidade de pré-processar, treinar, avaliar modelos e utilizar os modelos em tempo real. Todas as fases podem ser realizadas em hardware específico (GPU).
- 1.15. Os algoritmos de aprendizado de máquina podem ser supervisionados, semi supervisionados ou não supervisionados. A solução deve ser capaz de processar, no mínimo, as seguintes técnicas:

Regressões:

- Lineares;
- Polinomiais;
- Support Vector;
- Decision Tree;
- Random Forest;
- SVR
 - Gaussian
 - Linear
 - Polynomial
 - Pre-Computed
 - Sigmoid

Classificações:

- Regressão logística;
- K-NN;
- SVM;
 - Gaussian;
 - Linear;
 - Polynomial;
 - Pre-Computed;
 - Sigmoid;
- Kernel SVM;
- Naive Bayes;
- Decision Tree;
- Random Forest;

Clusterização:

- K-means;
- Hierarchical Clustering;
- DBScan;
- Mini Batch K-Means;
- Affinity Propagation;
- Mean Shift;



Soluções de Vanguarda em Segurança da Informação

Spectral Clustering;
Feature Agglomeration;
Optics;
Birch;
Gaussian Mixture;

Análise de anomalia:

Outliers;
Feature Bagging;
Isolation Forest;
LSCP;
Novelty;
Linear Modal:
MCD;
PCA;
OCSVM;
Probabilistic:
SOS;
ABOD;
Proximity-Based:
COF;
CBLOF;
HBOS;
LOCI;
LOF;
SOD;
K-NN;

Séries Temporais:

Moving Average (MA):
Autoregressive Moving Average (ARMA);
Autoregressive Integrated Moving Average (ARIMA);
Seasonal Autoregressive Integrated Moving-Average (SARIMA);
Seasonal Autoregressive Integrated Moving-Average with Exogenous Regressors (SARIMAX);
Vector Autoregression (VAR):
Vector Autoregression Moving-Average (VARMA);
Vector Autoregression Moving-Average with Exogenous Regressors (VARMAX);
Exponential Smoothing:
Simple Exponential Smoothing (SES);
Holt Winter's Exponential Smoothing (HWES);

9. Sistemas “APPs”



Figura 1 - Exemplo Aplicações

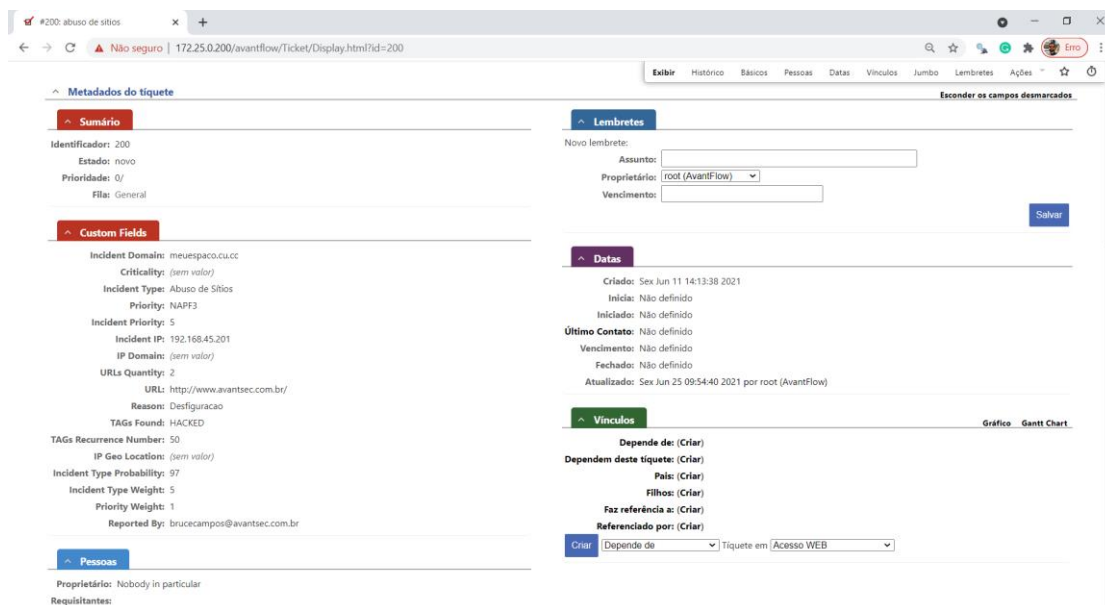


Figura 2 - Classificação automática de Tickets com Inteligência Artificial



Soluções de Vanguarda em Segurança da Informação

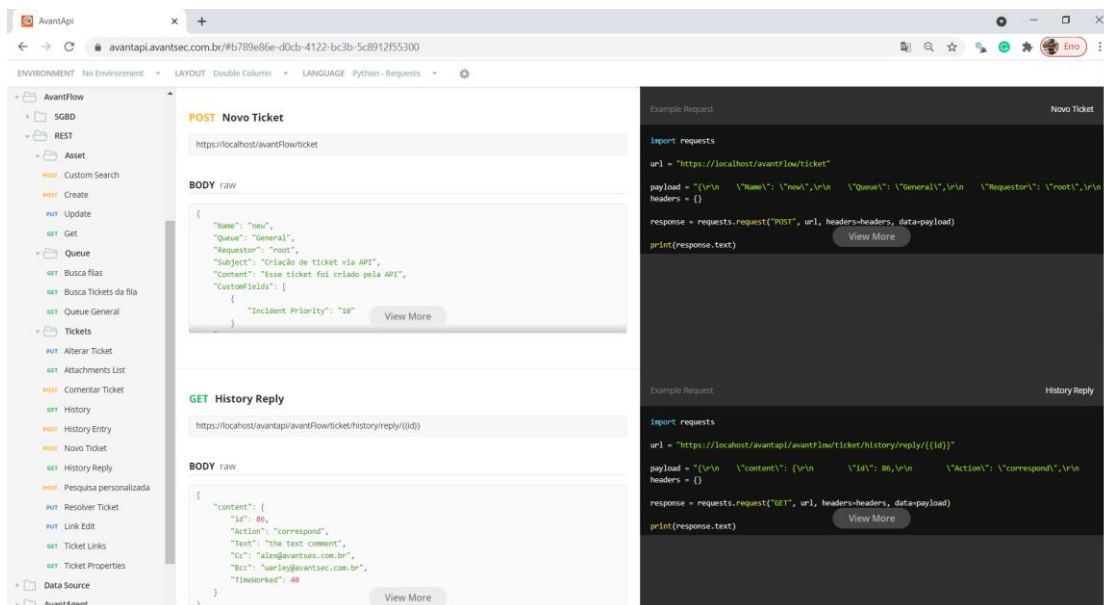


Figura 3- AvantAPI (Gestão completa de Tickets no RT - AvantFlow)

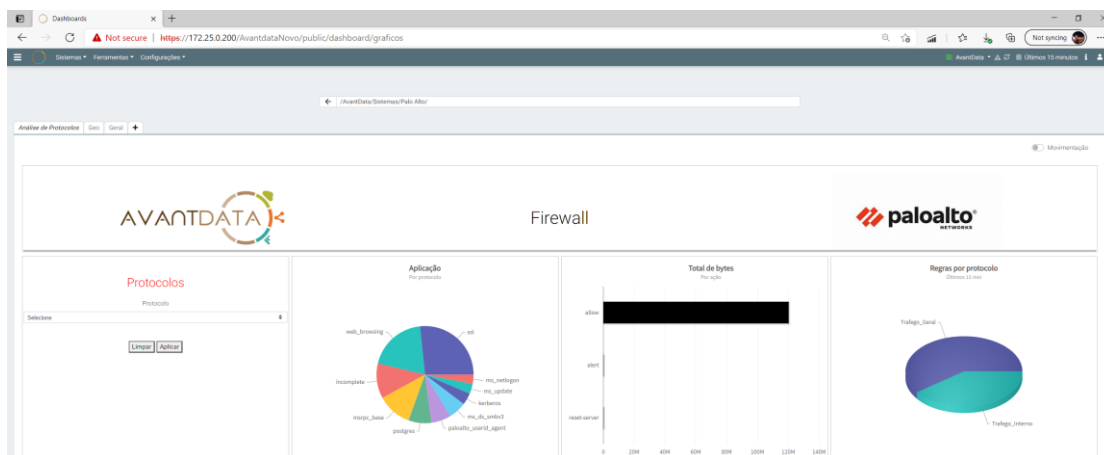


Figura 4 – Formulários interativos. Ex: Análise de protocolos - Palo Alto “APPs”



Soluções de Vanguarda em Segurança da Informação

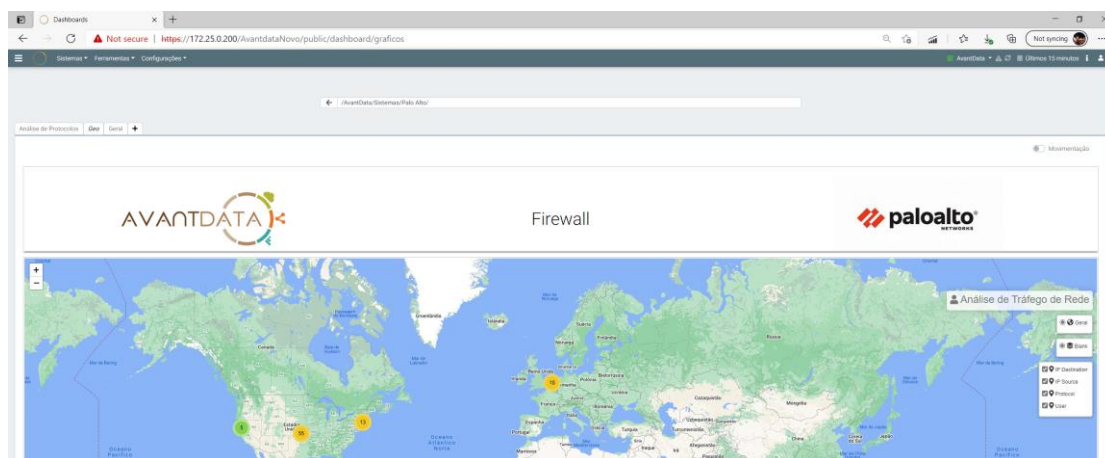


Figura 5 - Principais Destinos - Palo Alto "Apps"

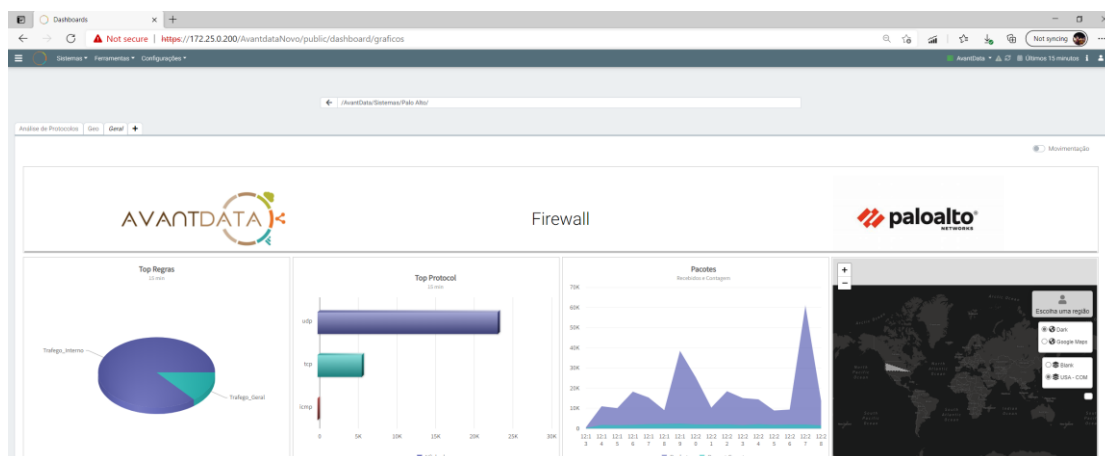


Figura 6 - Geral - Palo Alto "Apps"

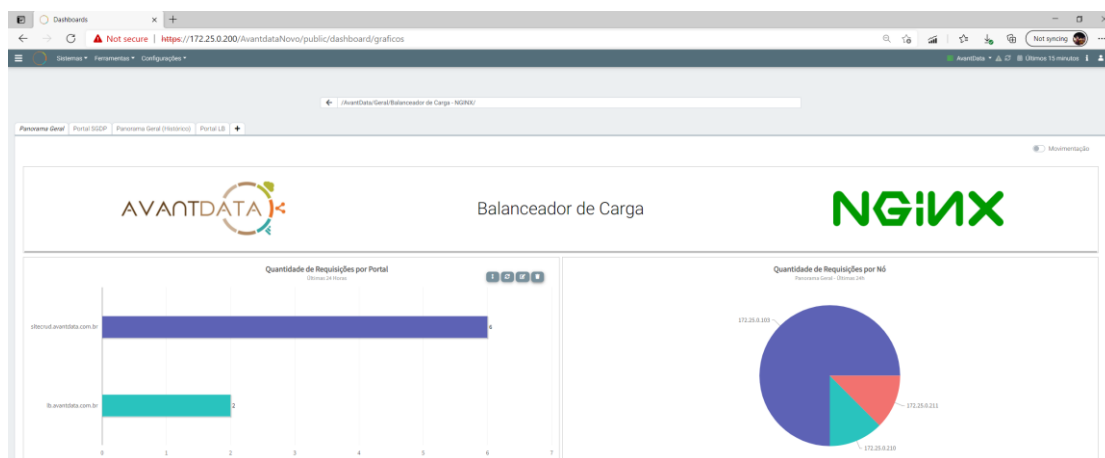


Figura 7 - Balanceador de Carga (NGINX) "Apps"



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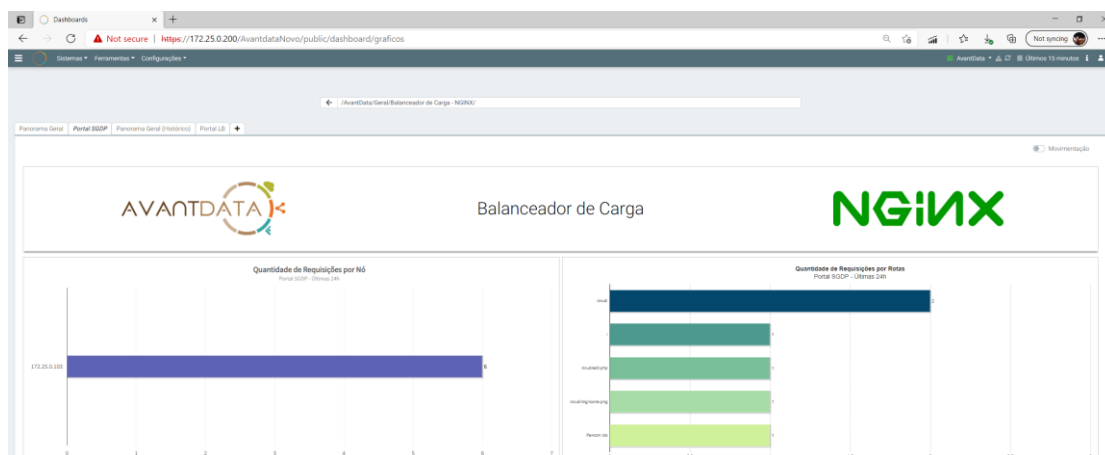


Figura 8 - Balanceador de Carga - Portal Cliente (NGINX) "APPs"

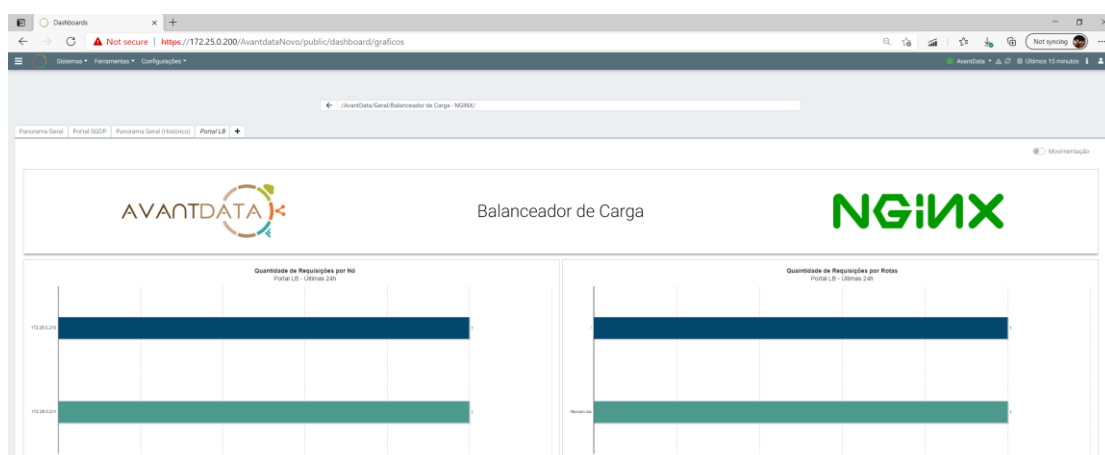


Figura 9 - Balanceador de Carga – Servidores (NGINX) "APPs"

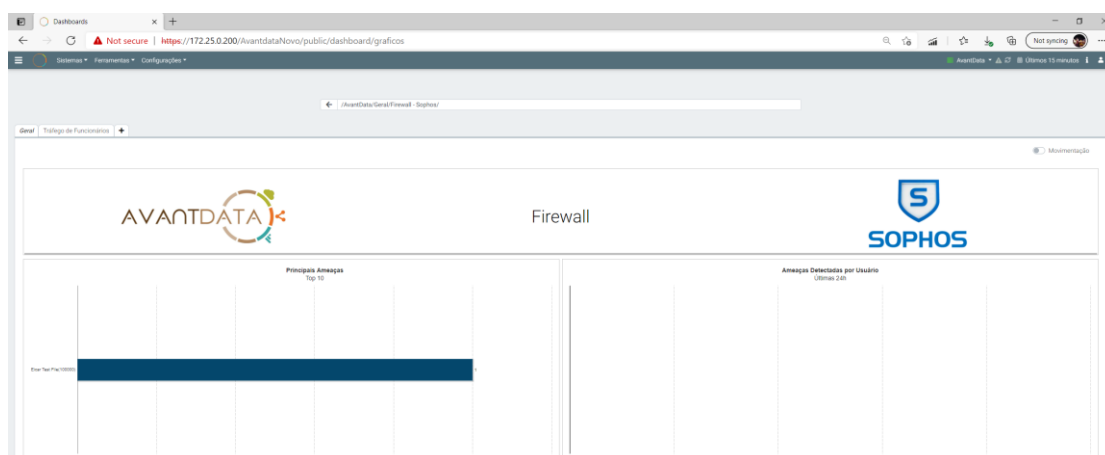


Figura 10 - Firewall (Sophos) "APPs"



Soluções de Vanguarda em Segurança da Informação

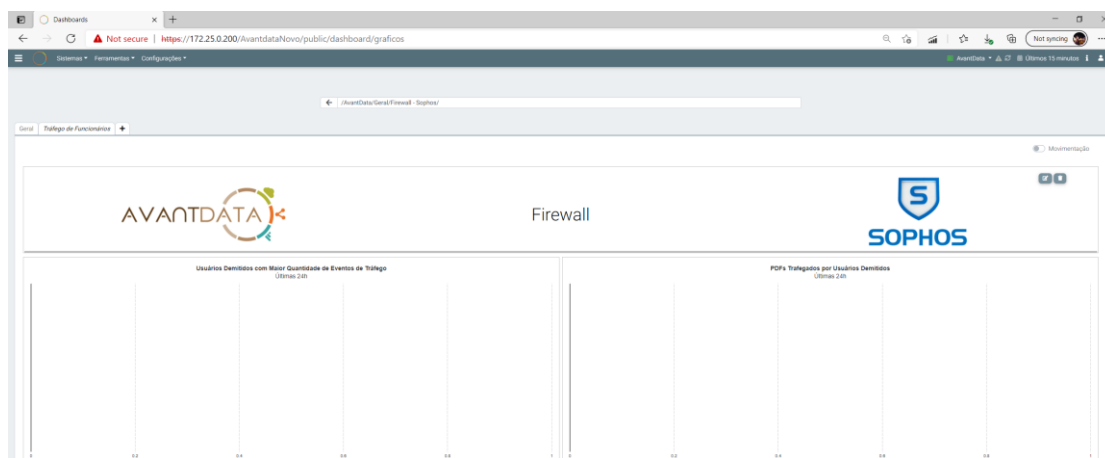


Figura 11 - Usuários Demitidos "APPs"

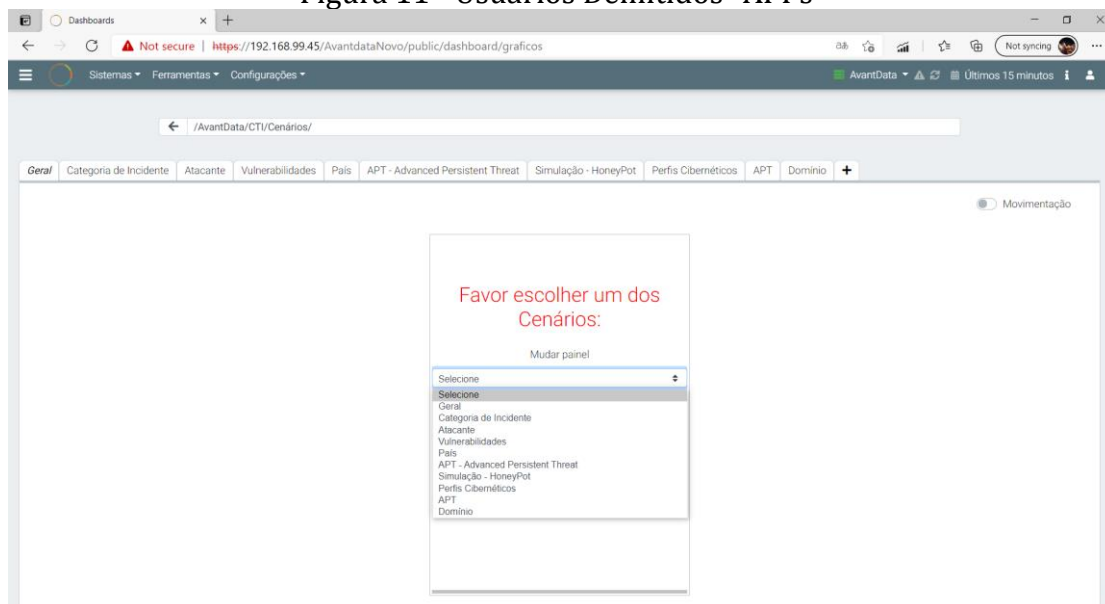


Figura 12 - Análise gráfica (Cenários de atacantes) TWI "APPs"

Soluções de Vanguarda em Segurança da Informação

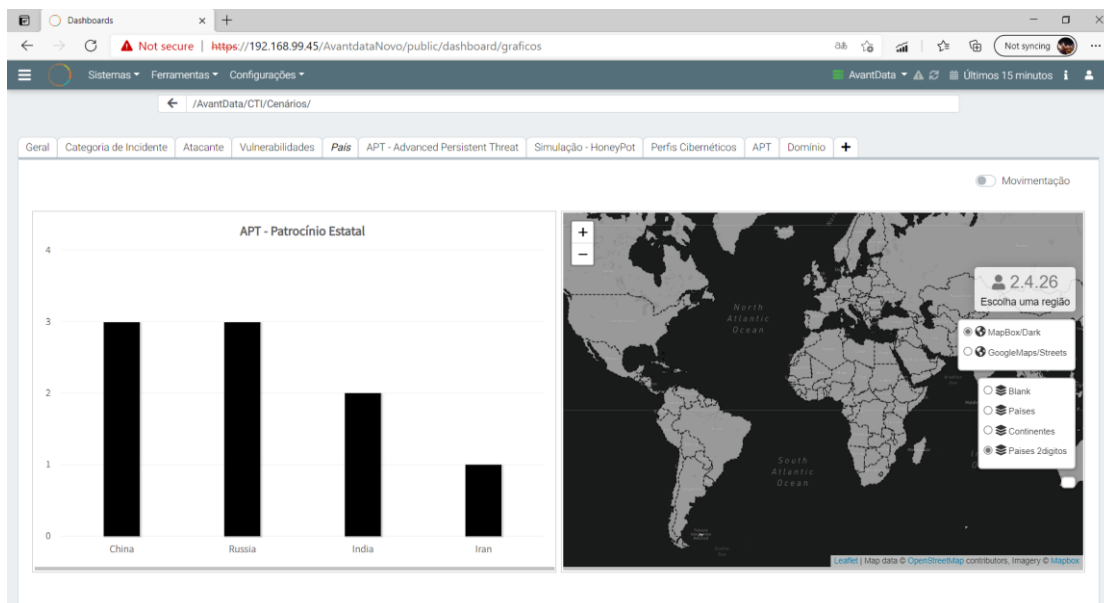


Figura 13 - Análise de atacantes por patrocínio estatal TWI “APPs”

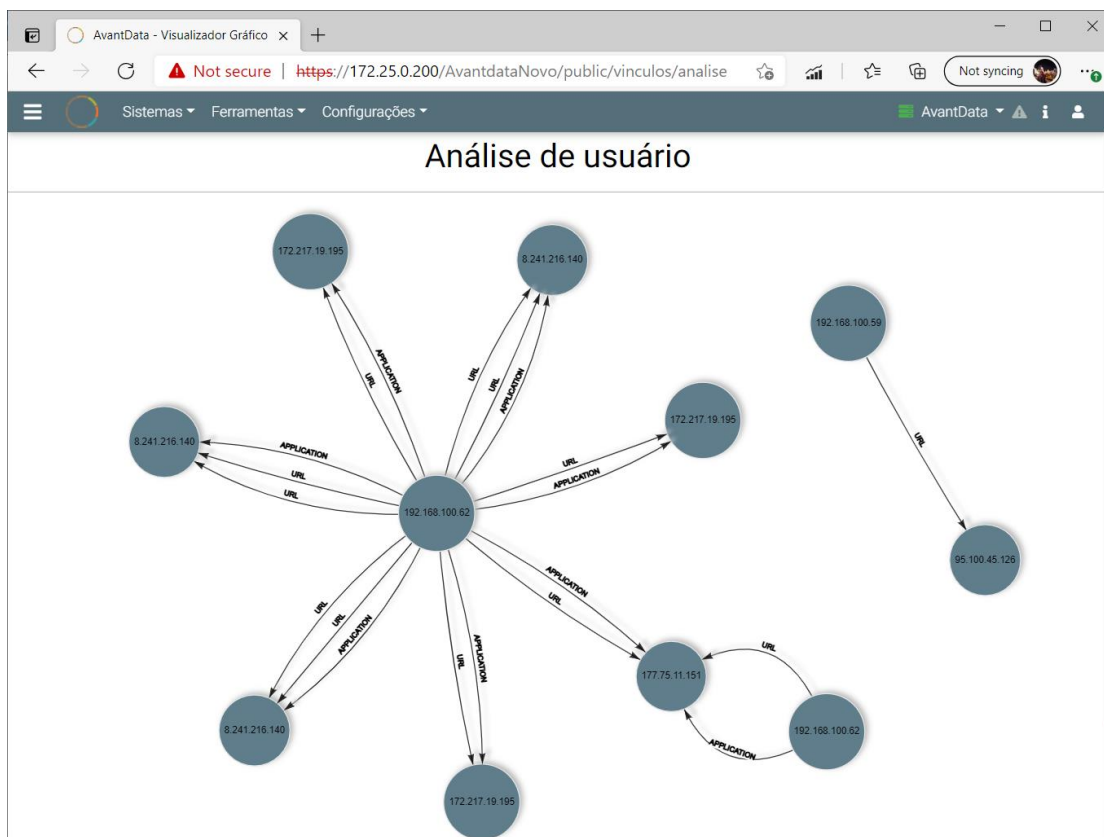


Figura 14 - Análise de Vínculos





Soluções de Vanguarda em Segurança da Informação

AvantFlow

172.25.0.200/avantflow/

AvantFlow

Novo ticket em: Acesso WEB

10 tickets de mais alta prioridade que eu possuo

Meus lembretes

10 tickets mais recentes sem proprietário

#	Assunto	Fila	Estado	Criado	
247	Análise de DNS allow	General	novo	5 dias atrás	Tomar
246	Problema, favor analisar	Aplicações Essenciais	novo	5 dias atrás	Tomar
229	Regras de firewall ativas nos últimos 15 min	Infraestrutura de Rede	novo	11 dias atrás	Tomar
228	Tráfego externo	General	novo	12 dias atrás	Tomar
227	Análise de tráfego suspeito	Acesso WEB	novo	12 dias atrás	Tomar
200	abuso de sites	General	novo	3 semanas atrás	Tomar
199	varredura de portas	General	novo	3 semanas atrás	Tomar
198	abuso de site	General	novo	3 semanas atrás	Tomar
197	ataques de engenharia social - phishing	General	novo	3 semanas atrás	Tomar
136	analisar	General	novo	5 semanas atrás	Tomar

Tickets em Favoritos

Criação rápida de ticket

Listar Fila

Fila	novo	aberto	pendente
Acesso WEB	1	-	1
Aplicações Essenciais	3	-	-
Endpoints	-	-	-
Estruturas de Persistência	-	1	-
General	9	-	-
Infraestrutura de Rede	3	-	-
Proteção de Dados	2	-	-

Painéis

Atualizar

Não recarregar esta página.

it

Figura 18 - Integração com RT (AvantFlow)



Soluções de Vanguarda em Segurança da Informação

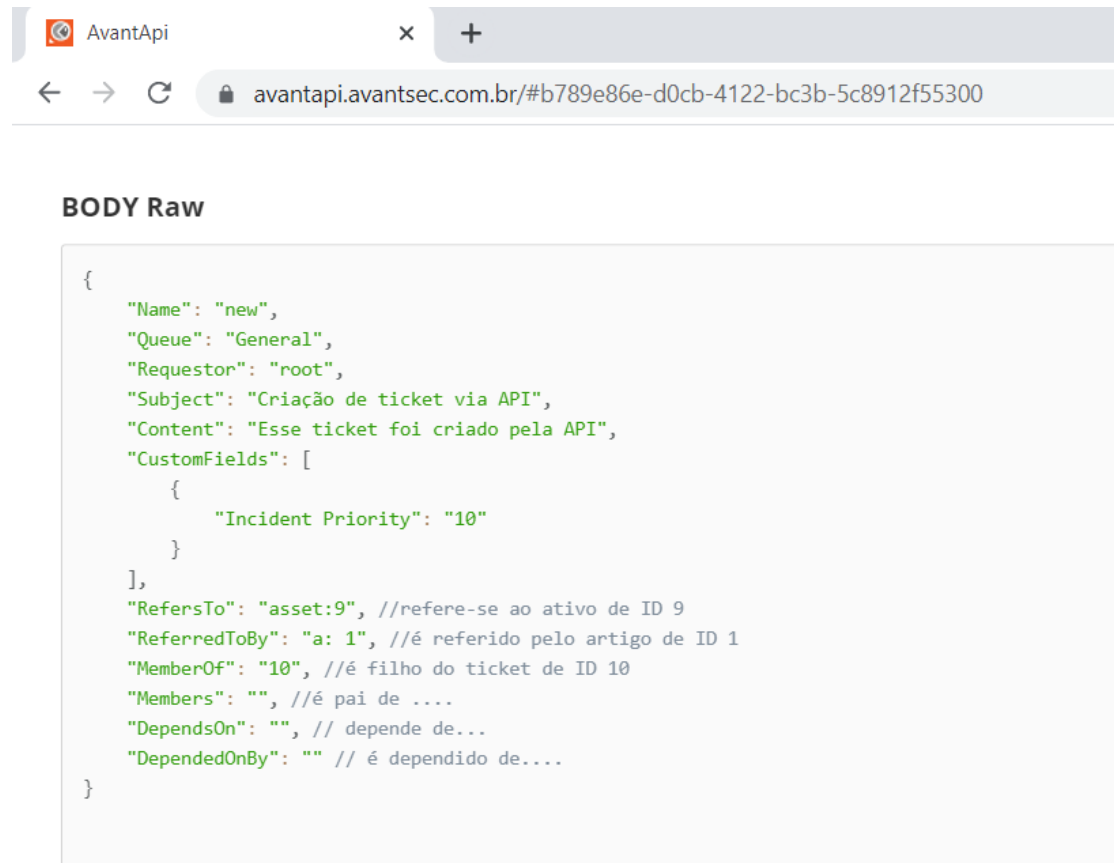


Figura 19 - Criação de Tickets Relacionados com outros Tickets, Ativos e Artigos (AvantFlow)