

ACRONYM BUSTER

The Delta Controls Acronym Buster gives you the definitions of over 150 of our commonly used acronyms in the Building Automation Industry.



1	Acronym	Term	Definition	Category
2	BD	Eight Disciplines	A problem solving approach typically employed by quality engineers or other professionals and commonly used by the automotive	Quality
3	AHR	Air-Conditioning, Heating, Refrigeration	An annual exposition for Air-Conditioning, Heating, Refrigeration	
4	AHU	Air Handler Unit	An air handler, or air handling unit (often abbreviated to AHU), is a device used to regulate and circulate air as part of a heating,	Products
5	AIC	Analog Input Configuration	Software object that it is created inside the controller	Technical
6	ANOVA	Analysis of variance	A basic statistical technique for determining the proportion of influence a factor or set of factors has on total variation. It subdivides the total variation of a data set into meaningful	Quality
7	ANSI	American National Standards Institute	Oversees the creation, promulgation and use of thousands of norms and guidelines that directly impact businesses in nearly every sector. ANSI is also actively engaged in accrediting programs that assess	Quality
8	AOC	Area of Concern	Similar to a Non-conformance report (NCR), indicates an area that if	Quality
9	AOI	Automated optical inspection	An automated visual inspection of printed circuit board (PCB) (or LCD, transistor) manufacture where a camera autonomously scans the device under test for both catastrophic failure (e.g. missing component) and quality defects (e.g. fillet size or shape or	Manufacturing
10	AOQ	Average outgoing quality	The maximum average outgoing quality over all possible levels of	Quality
11	AP	Accounts Payable		Accounting
12	API	Application Programming Interface		
13	AQL	Acceptable Quality Level	In a continuing series of lots, a quality level that, for the purpose of	Quality
14	AR	Accounts Receivable		Accounting
15	ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers	ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The	
16	ATS	Applicant Tracking System	Also referred to as our Careers site, the Applicant Tracking System, or ATS, is where prospective candidates apply for jobs and where Delta	Business
17	AWG	American wire gauge	American wire gauge (AWG), also known as the Brown & Sharpe wire gauge, is a standardized wire gauge system used since 1857	Technical
18	BABG	Building Automation Business Group		Delta Electronics
19	BACnet	Building Automation and Control Network	BACnet is a communications protocol for Building Automation and Control (BAC) network, that leverage the ASHRAE, ANSI, and ISO 16484-5 standard[1] protocol. BACnet was designed to allow communication of building automation and control systems for applications such as heating,	Technical
20	BAS	Building Automation System	A centralized system that controls a building's heating, ventilation	
21	BASBU	Building Automation Solutions Business Unit		Delta Electronics
22	BD	Business Division		Delta Electronics
23	BEMS	Building Energy Management System		
24	BG	Business Group		Delta Electronics
25	BLE	Bluetooth Low Energy		
26	BMS	Building Management System	A building management system (BMS), otherwise known as a building automation system (BAS), is a computer-based control	Products
27				
28	BOK	Body of Knowledge	The prescribed aggregation of knowledge in a particular area an	Business
29	BTF	BACnet Test Framework		
30	BTL	BACnet Testing Laboratories	BACnet Testing Laboratories was established by BACnet International	

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31	BU	Business Unit		Delta Electronics
32	CABA	Continental Automated Buildings Association		
33	CAPA	Corrective and Preventive Action	Improvements to an organization's processes taken to eliminate	Quality
	CAPEX	Capital Expenditure	Capital expense are used by a company to acquire or upgrade physical assets such as property, buildings or equipment. It is often used to undertake new projects or investments by the firm. This type	Business
34				
	CBP	Customs and Border Protection	The largest federal law enforcement agency of the United States Department of Homeland Security. It is charged with regulating and	
35				
36	CPBG	Components Business Group		Delta Electronics
37	CRM	Customer relationship Management		Business
38	CS	Customer Solutions	Former name of Technical Services department	
	CSA	Canadian Standards Association	The CSA Group (formerly the Canadian Standards Association; CSA), is a not-for-profit standards organization which develops standards in 57 areas. CSA publishes standards in print and electronic form and	Technical
39				
40	CSR	Customer Service Representative		
	CTPAT	Customs-Trade Partnership Against Terrorism	A voluntary supply chain security program led by U.S. Customs and Border Protection (CBP) and focused on improving the security of	
41				
42	DALI	Digital Addressable Lighting Interface	A networked-based system to control lights in building automation,	Products
	DCBI	Delta Controls Business Institute	A training program created by Delta Controls for our partners, tailored to our industry. The DCBI is developed around four main themes that impact the success of all of our businesses: Strategy and	
43				
44	DCI	Delta Controls Inc.		Business
45	DCN	Design Change Notification	Document that clearly articulates manufacturing changes for Delta	Products
	DDC	Direct Digital Control	The automated control of a condition or process by a digital device (computer). (Source: Wikipedia)he automated control of a condition	Technical
46				
47	DE	Delta Electronics	Parent company	Business
48	DFx	Design for Excellence		Quality
49	DHVACBD	Distributed HVAC Business Division		Delta Electronics
	DIN	Deutsches Institut für Normung	DIN stands for 'Deutsches Institut für Normung' which means 'German Institute of Standardization'.	Technical
50				
51	DMAIC	Define, measure, analyze, improve and control.	A data driven quality strategy for improving processes and an	Quality
	DOE	Design of Experiments	A branch of applied statistics dealing with planning, conducting, analyzing and interpreting controlled tests to evaluate the factors	Quality
52				
53	DRO	Delta Regional Office	A special type of partner who acts as Delta Controls representative in	Business
	EFT	Electrical Fast Transient	A short-lived burst of energy in a system, caused anytime a gaseous discharge occurs (a spark in air or other gas), the most common being the opening of a switch through which current is flowing. As the switch is opened, arcing occurs between the contacts; first at a	Technical
54				
55	EISBG	Energy Infrastructure Solutions Business Group		Delta Electronics
56	EMS	Environmental Management System	This is a set of processes and practices that enable an organization to	Quality
57	EPSBG	Embedded Power Solutions Business Group		Delta Electronics
58	ESD	Electrostatic Discharge	The sudden flow of electricity between two electrically charged	Technical
59	ESS	Energy Storage System		Delta Electronics
	EUBAC	European Building Automation and Controls Association	eu.bac is the European Building Automation and Controls Association and represents the European manufacturers for Home	Technical
60				
61	EVSBG	Electric Vehicle Solutions Business Group		Delta Electronics
62	FA	Final Assembly	Sub-department in Manufacturing which performs the final	Business

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63	FCU	Fan Coil Unit	A fan coil unit (FCU) is a simple device consisting of a heating and/or cooling heat exchanger or 'coil' and fan. It is part of an HVAC system found in residential, commercial, and industrial buildings. A fan coil unit is a diverse device sometimes using ductwork, and is used to	Products
64	FDA CFR 21 Part 11	Food and Drug Administration Code of Federal Regulations Title 21 Part 11	Required when Delta software is used on a pharmaceutical project. "the criteria under which the agency considers electronic records, electronic signatures, and handwritten signatures executed to electronic records to be trustworthy, reliable, and generally	Technical
65	FG	Finished Goods	Product which has completed all stages of the manufacturing	Business
66	FIFO	First in, first out	Use of material produced by one process in the same order by the next process. A FIFO queue is filled by the supplying process and	Manufacturing
67	FMBG	Fan and Thermal Management Business Group		Delta Electronics
68	FMEA	Failure Mode Effects & Analysis	A systematized group of activities to recognize and evaluate the potential failure of a product or process and its effects, identify	Quality
69	FPY	First pass yield	The percentage of units that completes a process and meets quality guidelines without being scrapped, rerun, retested, returned or	Manufacturing
70	FTA	Fault Tree Analysis	A top down, deductive failure analysis in which an undesired state of	Quality
71	GDP	Gross Domestic Product		
72	GDPR	General Data Protection Regulation	The General Data Protection Regulation 2016/679 is a regulation in EU law on data protection and privacy for all individuals within the	Business
73	GP	Great Plains	Microsoft Dynamics Great Plains - Our Enterprise Resource Planning	Business
74	HALT	Highly accelerated life test	A process for uncovering design defects and weaknesses in electronic and mechanical assemblies using a vibration system combined with rapid high and low temperature changes. The purpose of HALT is to	Quality
75	HAO	Hand Auto Off Switch (aka HOA)		
76	HASS	Highly accelerated stress screening	A technique for production screening that rapidly exposes process or production flaws in products. Its purpose is to expose a product to optimized production screens without affecting product reliability.	Quality
77	HVAC	Heating, ventilation and air conditioning	The technology of indoor and vehicular environmental comfort. Its	Products
78	IABG	Industrial Automation Business Group		Delta Electronics
79	ICTBG	Information & Communication Technology Business Group		Delta Electronics
80	IESBG	Infrastructure Energy Solutions Business Group		Delta Electronics
81	IoT	Internet of Things	The Internet of things (IoT) is the inter-networking of physical devices, vehicles (also referred to as "connected devices" and "smart	Technical
82	IQC	Incoming Quality Control	The process of controlling quality of the materials and parts for manufacturing a product before production begins. Just like the	Quality
83	IS	Information Systems		Business
84	ISH	ISH	The World's Leading Trade Fair for The Bathroom Experience, Building Services, Energy, Air Conditioning Technology and	Business
85	ISO	International Organization for Standardization	ISO is the world's largest developer and publisher of International Standards. It's a network of the national standards institutes of 157 countries, one member per country, with a Central Secretariat in	Quality
86	IT	Information Technology		Business
87	Java Application Control Engine	JACE	Tridium's building automation control	Products
88	JSON	JavaScript Object Notation - a type of file similar to XML		
89	KPI	Key Performance Indicator	A measurable value that demonstrates how effectively a company is achieving key business objectives. Organizations use KPIs to evaluate	Business
90	LCCIB	Life Cycle Costing of Intelligent Buildings		

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92	LEED	Leadership in Energy and Environmental Design	Leadership in Energy and Environmental Design (LEED) is a rating system devised by the United States Green Building Council (USGBC)	Technical
93	LMP	Licence Management Portal	The web-based system used to Manage software licencing for	Products
94	LOB	Line of Business		Business
95	LPR	license plate recognition		
96	LTBU	Lighting Technologies Business Unit		Delta Electronics
97	Master Slave / Token Passing	MS/TP	BACnet MSTP is a token passing protocol. Only nodes with the token are allowed to initiate service requests such as requests for data. A	Technical
98	M-Bus	Meter-Bus	Meter-Bus is a European standard (EN 13757-2 physical and link layer, EN 13757-3 application layer) for the remote reading of gas or electricity meters. M-Bus is also usable for other types of	
99	MGPP	Multi-Generation Product (or Project) Plan	a method used to define the scope of the current product or service to be designed as well as to plan the long-term direction of future	Products
100	MPBG	Merchant & Mobile Power Solutions Business Group		Delta Electronics
101	MPBG	Merchant Power Solutions Business Group		Delta Electronics
102	MQTT	MQ Telemetry Transport - an IoT messaging protocol		
103	MTBF	Mean time between failures	The average time interval between failures for repairable product for	Quality
104	MTTR	Mean Time to Repair	The average time to repair a failed component or device.	Quality
105	NCR	Non-conformance Report	A permanent record for accounting and preserving the knowledge of	Quality
106	NIST	National Institute of Standards and Technology	A measurement standards laboratory, and a non-regulatory agency of the United States Department of Commerce. Its mission is to promote innovation and industrial competitiveness. NIST's activities are organized into laboratory programs that include	
107	NPI	New Product Introduction	A business process through which a new product is launched,	Business
108	NVR	Network Video Recorder		
109	O3	O3	O3 - Delta's latest line of room controllers. Note: "3" should be	Products
110	OBM	Original Brand Manufacturer	Companies that manufacture products based on the product design and specifications provided by the client. At Delta, we differentiate	
111	ODM	Original Design Manufacturer	Companies which create new product designs and specifications based on the product idea brief provided by the client. In most cases,	Business
112	OEM	Original Equipment Manufacturer	Companies that manufacture products based on the product design and specifications provided by the client. At Delta, we differentiate	Business
113	OFI	Opportunity for Improvement	Opportunities identified by an auditor or employee for us to	Quality
114	OPEX	Operating Expense	An operating expense is an expense a business incurs through its normal business operations. Often abbreviated as OPEX, operating	Business
115	ORCA	Open Real-time Control Architecture	The original name of Delta's Version 3 product line. For a full	Products
116	OSDP	Open Supervised Device Protocol		
117	OWS	Operator Workstation	A BACnet Operator Workstation provides an operator with all the information and editing ability they needs to manage a system on a	Products
118	PA	Preventive action	Action taken to remove or improve a process to prevent potential	Quality
119	PAS	Partner Application Services		
120	PCB	Printed Circuit Board	A printed circuit board (PCB) mechanically supports and electrically connects electronic components using conductive tracks, pads and	Manufacturing
121	PCN	Product Change Notification	A document issued by a manufacturer to inform customers about a	Products
	PDCA	Plan-do-check-act	A four-step process for quality improvement. In the first step (plan), a way to effect improvement is developed. In the second step (do), the plan is carried out, preferably on a small scale. In the third step	Quality

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122	Plan-do-check-act	A four-step process for quality improvement. In the first step (plan), a way to effect improvement is developed. In the second step (do), the plan is carried out, preferably on a small scale. In the third step (check), the effects of the plan are observed. In the last step (act), the results are studied to determine what was learned and what can be	Quality
123	Proportional Integral Derivative	PID is a control loop feedback mechanism widely used in industrial control systems and a variety of other applications requiring	Technical
124	Passive Infrared Sensor		
125	Pick and Place	Robotic machines which are used to place surface-mount devices	Manufacturing
126	Power over Ethernet	Power over Ethernet (PoE) is a technology for wired Ethernet LANs (local area networks) that allows the electrical current necessary for	Technical
127	Peripheral Products Group	A sub-group of our manufacturing department that sources and sells	Business
128	Parts per million	A method of stating the performance of a process in terms of actual nonconforming material, which can include rejected, returned or	Quality
129	Quality Assurance	QA is the activity of providing evidence needed to establish quality	Quality
130	Quality Function Deployment	A structured method in which customer requirements are translated into appropriate technical requirements for each stage of product	Quality
131	Quality Management System	1) A formalized system that documents the structure, responsibilities and procedures required to achieve effective quality management.	Quality
132	Random-access memory	Random-access memory is a form of computer data storage which	Technical
133	Resource & Asset Management Business Division		Delta Electronics
134	Red Green Blue - defines a color		
135	RAW MATERIAL		
136	Return Material Authorization	1) The authorization number required to return a product to Delta. 2) The department that handles products returned to Delta for repair	
137	Real-Time Clock	A real-time clock (RTC) is a battery-powered clock in an Integrated	Technical
138	Software as a Service	A software licensing and delivery model in which software is licensed on a subscription basis and is centrally hosted. It is sometimes	Products
139	Suppliers, inputs, process, outputs, customers	tool used by Six Sigma process improvement teams to identify all relevant elements (suppliers, inputs, process, outputs, customers) of	Quality
140	Specific, Measurable, Achievable, Realistic, Timely	An acronym that you can use to guide your goal setting.	Business
141	Surface Mount Devices	An electronic device so made to be mounted or placed directly onto	Technical
142	Single-Minute Exchange of Die	A system for dramatically reducing the time it takes to complete equipment changeovers. The essence of the SMED system is to	Manufacturing
143	Standard Motor Interface	A network-based system to control window blinds in building	Products
144	Surface Mount Technology	A method for producing electronic circuits in which the	Technical
145	Statistical Process Control	The application of statistical techniques to control a process; often	Quality
146	Solder Paste Inspection	A fully automated system that scans the whole pcb for missing or less	Manufacturing
147	Software quality assurance	A systematic approach to evaluating the quality of and adherence to software product standards, processes and procedures. SQA includes	Quality
148	Structured Query Language	A domain-specific language used in programming and designed for	

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149	Theory of Constraints	A methodology for identifying the most important limiting factor (i.e. constraint) that stands in the way of achieving a goal and then	Quality
150	Technical Services		
151	Upper control limit	Control limit for points above the central line in a control chart.	Quality
152	User Interface		
153	Underwriter Laboratories	UL provides safety-related certification, validation, testing, inspection, auditing, advising and training services to a wide range of	Technical
154	Uninterruptible Power Supply	A device that provides battery backup when the electrical power fails or drops to an unacceptable voltage level. Small UPS systems provide	Technical
155	Variable Air Volume	A type of heating, ventilating, and/or air-conditioning (HVAC) system. Unlike constant air volume (CAV) systems, which supply a	Technical
156	Variable Frequency Drive	a type of adjustable-speed drive used in electro-mechanical drive	Technical
157	Variable refrigerant flow	An HVAC technology invented in Japan by Daikin company in 1982.	Products
158	Variable refrigerant volume	See VRF	Products
159	WELL Building Standard	WELL is the first building standard to focus exclusively on the health and wellness of the people in buildings. WELL is a performance-based system for measuring, certifying and monitoring features of the built environment that impact human health and well-being, through air,	Technical
160	Workplace Hazardous Materials Information System	Canada's national hazard communication standard. The key elements of the system are hazard classification, cautionary labelling	Business