

Defense & Government Services M&A

NEWSLETTER Mid-Year 2020

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Industry News

- Pre-COVID lockdown, M&A activity in the ADG sectors was at an all time high driven by high valuations and a positive economic outlook
- With the start of lockdowns in mid-March, M&A activity in the sector decreased considerably. While the defense and government contracting sectors fared better than most, macro-economic uncertainty as well as frozen debt markets generally meant that only M&A deals that were in the later stages of diligence continued through closing.
- While uncertainty remains, anecdotally June has been the most active month for GovCon M&A since the pandemic started – potentially signaling that activity is recovering toward historic levels.
- There has also been a significant recovery in the capital markets since the COVID-19 crash brought the Russell 2000 down nearly 41% from the beginning of the year through late March. However, volatility remains high with the CBOE Volatility index well above 30 points indicating markets remain uncertain of the future. Furthermore, specific industries including aerospace face significant challenges to their business as the nature of COVID-19 mitigation strategies conflict with their core businesses.

Market Sentiment

- The CARES Act reinforces priorities to support contractors.
- Virtual workforce transition relatively smooth in most sectors, which might indicate government outsourcing continues to be part of the solution.
- Concerns over taxes and budget cuts in the medium and long term to support CARES Act.
- Upcoming presidential election creates uncertainty for the government market, with many questioning spending priorities over the next four years.
- Concerns over supply chain vulnerability.

Capital Markets Highlights		% Change	
The McLean Group ADG Public Indices	1/1/18 - 6/30/20	7/1/19 - 6/30/20	Year to Date
Diversified Government Services Index	42.77%	4.54%	(8.22%)
Middle Market Government Services Index	20.63%	(3.06%)	(16.36%)
Defense Prime Index	17.11%	(19.20%)	(24.29%)
Defense Systems Index	11.74%	(14.44%)	(18.15%)
Large Cap Aerospace Index	10.53%	(23.59%)	(22.07%)
Mid Cap Aerospace Index	(44.53%)	(15.89%)	(33.72%)
Small Cap Aerospace Index	(11.30%)	(25.05%)	(28.03%)
International Aerospace Index	(47.35%)	(53.37%)	(52.56%)
Dow Jones Industrial Average	3.98%	(3.39%)	(9.55%)
S&P 500	15.00%	4.59%	(4.04%)
Russell 2000	(7.01%)	(8.17%)	(13.61%)



Quotes and Investor Confidence

"...we're working with some of our public sector clients to deploy more virtual agents that are preconfigured with COVID-19 advice to continue to free up capacity to answer the more critical questions in their call center." – Julie Sweet, CEO of Accenture

"...we don't see significant long-term impact as a result of COVID-19" – Roger Krone, CEO of Leidos

"As a result of these uncertainties, our guidance ranges to begin the year are slightly broader than in recent years." – Lloyd Howell, CFO of Booz Allen Hamilton

"Given what we know today, we are highly confident we will be within our guidance ranges and are reasonably certain we will be at or close to the midpoints." – **Tom Mutryn, CFO of CACI**

"While COVID has forced some changes to how we operate, its impact on our business so far has been relatively light." – Kevin Phillips, CEO of ManTech

"Overall, we see a moderate impact from physical distancing headwinds at sites that require split shifts in secured facilities. We expect the impact to dissipate as we approach the end of the fiscal year." – **Bob Pragada, COO of Jacobs Engineering**

"...we are fortunate we have not seen significant impact to date." – Nazzic Keene, CEO of SAIC

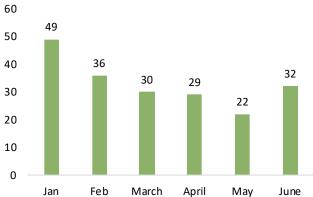
Notable M&A Activity

- 1/2/20: Avon Rubber acquired the advanced ballistic protection business of The 3M Company for \$91 million
- 1/20/20: BAE Systems announced its intent to acquire the military global positioning system business of Collins Aerospace, a subsidiary of United Technologies for \$1.56 billion
- 1/22/20: Advent International Corp closed its acquisition of Cobham plc for \$4.99 billion
- 3/6/20: Accenture plc acquired Context Information Security ltd from Babcock International Group for \$138 million prior to the COVID-19 lockdowns
- 3/13/20: SAIC completed its acquisition of Unisys Federal an operating unit of Unisys corp. for \$1.2 billion
- 4/3/20: Teledyne Technologies Inc. is in advanced talks to acquire Photonis SAS with a bid of \$550 million



M&A Activity Summary

- As of June 30, many companies that put M&A activity on hold at the beginning of the pandemic are now beginning to search for advisors and move to towards going to market.
 M&A activity is especially prevalent with smaller transactions and with private equity buyers.
- Transaction data shows that deal flow has rebounded significantly since with pandemic started, with June being the third most active month for deal activity this year.
- Middle market M&A has not been subject to daily market volatility. This is due in large part to the continued stability of government services demand. Ironically, and exception has been with selected IC companies who have experienced challenges working off-site.
- Private equity funds with strategies that are not dependent on the debt markets and who are able to buy with mostly or all equity (with the idea of refinancing later) are benefiting in this market and are able to be opportunistic with less competition from strategics and buyers who are dependent on leverage.
- Diversified ADG companies are benefiting from a diverse portfolio which has balanced exposure to troubled sectors. For instance, despite challenges in the commercial aviation sector as well as on-going issues with the 737 MAX, Boeing (BA) has benefitted by having around 34% of their revenues coming directly from defense contracting.



ADG TRANSACTIONS BY MONTH (2020)



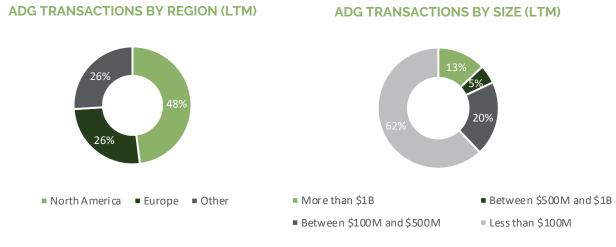


1. COVID-19 start date placed at March 18th, the start of state and local lockdowns



Transactions Data

- ADG M&A continues to be a focus in the United States as limited government regulation and a favorable budget environment allows for the sector to see heightened M&A activity compared to other markets.
- As the negative economic impact of COVID-19 continues to worsen, government budgets may begin to divert funds more towards social programs and away from the aerospace and defense budgets.
- Both public and private buyers and sellers in the ADG space are facing difficulties as market volatility leads to valuations and negotiations being subject to change.



Source: S&P Capital IQ, TMG internal analysis

Group

Source: S&P Capital IQ, TMG internal analysis

NOTABLE 2020 TRANSACTIONS BY BUYER TYPE



Collins Aerospace Military Global Positioning System Business Overview

- Founded in 2012 and based in Charlotte, North Carolina, Collins Aerospace and is one the largest suppliers of aerospace and defense products in the US.
- Collins provides aerospace parts for both commercial and government buyers. The military global positioning system business is based in Cedar Rapids, Iowa and is the leading global provider of critical military GPS receiver solutions.

Transaction Details

- On January 20, 2020, BAE Systems announced its intent to acquire Collins Aerospace's military global positioning system business, an international aerospace and defense company out of London, England. The acquisition comes as a divesture from United Technologies as it was completing its merger with Raytheon
- The acquisition will further develop BAE Systems' US-based electronic systems business and is expected to be accretive to earnings.



Military Global

Positioning Business of

acquired by

BAE SYSTEMS

Collins

Aerospace

Unisys Federal Overview

- Unisys Federal provides infrastructure modernization and IT services to US federal agencies and the department of defense. Unisys Federal is based out of McLean; Virginia and was founded in 1986.
- Unisys Federal operates with approximately 2,000 employees focused on providing IT solutions to the federal government

Transaction Details

- On March 13, 2020, Unisys Federal was acquired by SAIC for \$1.2 billion to further develop its federal IT services business. This is the second major acquisition for SAIC in recent years as the company acquired Engility for \$2.5 billion.
- The transaction will help SAIC be at the forefront of the Defense Department's ongoing migration to cloud-based computer systems.
- The deal is expected to grow adjusted EBITDA margins as the merged companies realize significant cost synergies.

Context Information Security Overview

- Context Information Security was founded in 1998 and has offices in Germany, the U.S. and Australia. The cyber consultancy firm provides intelligence-driven red team penetration, vulnerability research and incident response services to the aerospace, financial, and government services sectors.
- Since 1998 Context has been involved in several high-profile contracts and developments in the cyber security space such as the development of CREST penetration testing.

Transaction Details

- Context was acquired by Accenture plc for \$138.5 million in order to help strengthen Accenture's existing cyber security consulting service.
- The deal was completed on March 6th, just prior to the COVID-19 Lockdowns.





L3 Harris Security & Detention Systems, Inc. Overview

- L3 Harris Security & and Detention Systems is a provider of checked and carry on baggage scanning and screening. The group has several security products including advanced personnel screening systems, explosives and drug tracing systems, metal detectors, products for military and first responders, and x-ray screening systems.
- L3 Harris is headquarters in Tewksbury, Mass., and has operations in Woburn, Mass.; Wilmington, Mass.; St. Petersburg Fla.; and two locations in Bracknell UK.

Transaction Details

- Leidos holdings is an American defense, aviation, and information contractor based out of Reston, Virginia.
- The acquisition of L3 Harris Security & Detention Systems for \$1.0 billion enables Leidos to offer a more comprehensive security platform. Furthermore, it provides Leidos with a more diversified revenue stream by penetrating L3 Harris's customers in 75 additional countries.

Cobham, plc Overview

- Founded in 1934, Cobham plc provides a range aerospace services focused on aerial refueling and communication systems such as radar, intercom, satellite, ratio and wireless mobile connectivity products.
- Cobham employs over 10,000 employees in North America, Europe, Malaysia and South Africa. Cobham technology is found on F-35 fighter planes and Airbus passenger jets.

Transaction Details

- Advent International Corp. acquired the Aerospace and defense company for \$4.99 billion dollars (including debt). The transaction will result in Cobham plc becoming a private company as its shares become delisted from the London Stock Exchange.
- Since the COVID-19 crisis, Advent has split up Cobham into nine separate divisions focused on specific products lines. This may mean that one of the largest aerospace and defense companies in the world will be dismantled to limit exposure to the uncertainty of the aerospace sector.

Blackstone Federal Overview

- Founded in 2002, Blackstone Federal is comprised of roughly 100 technical and creative consultants who deliver development, cloud modernization, cybersecurity and branding services to government clients.
- Blackstone Federal is a leading player and prime contractor on major DHS contract vehicles including the Architecture, Development, and Platform Technical Service (ADaPTS)

Transaction Details

- ASGN acquired the IT contractor for \$85 million in cash and will combine Blackstone
 Federal with its existing ECS government IT solutions group
- The deal will further develop ASGN's IT team and allow it to differentiate itself further as a prime contractor for government IT.



L3HARRIS[™]

leidos

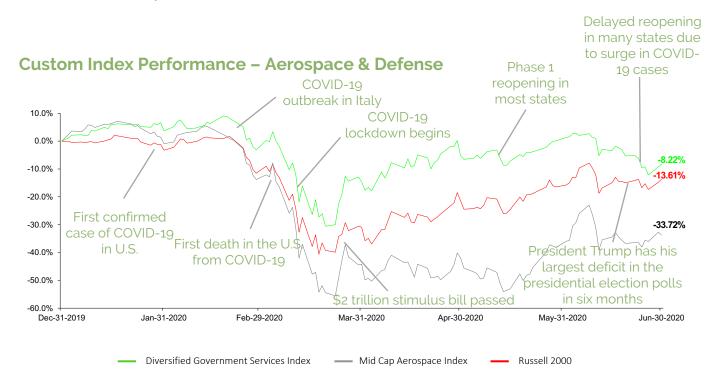
acquired by





Capital Markets Overview

The COVID-19 market crash in March brought the Russell down over 40% on the year. The market sell off and corresponding liquidity crunch saw valuations plummet during the initial COVID-19 lockdown phase. As more information about the virus and shutdown became apparent, the Russell 2000 saw a significant rebound. However, companies in the aerospace sector did not make nearly the same rebound as uncertainty over the future of air travel kept valuations low.



Source: S&P Capital IQ



Capital Markets Overview – Defense and Government Services

Public Capital Markets Data					Financial Performance			Valuation		Valuation	
			LTM			TEV / LTM		TEV / CY 2020E			
				Enterprise	Total		EBITDA	Total			
Company Name	Ticker	6/30/2020	High	Value	Sales	EBITDA	Margin	Sales	EBITDA	Sales	EBITDA
Defense Primes											
General Dynamics Corporation	NYSE: GD	\$149.46	77.1%	\$56,858	\$38,838	\$5,575	14.4%	1.5x	10.2x	1.5x	10.9x
Huntington Ingalls Industries Inc	NYSE HII	\$174.49	62.4%	\$8,976	\$9,082	\$1,099	12.1%	1.0x	8.2x	1.0x	7.4x
Lockheed Martin Corporation	NYSE: LMT	\$364.92	82.5%	\$113,078	\$61,127	\$9,249	15.1%	1.8x	12.2x	1.8x	11.5x
Northrop Grumman Corporation	NYSE NOC	\$307.44	79.9%	\$66,086	\$34,272	\$4,201	12.3%	1.9x	15.7x	1.9x	13.4x
Raytheon Technologies Corporation	NYSE RTX	\$61.62	38.9%	\$136,009	\$76,891	\$14,330	18.6%	1.8x	9.5x	2.1x	14.6x
Median			77.1%	\$66,086	\$38,838	\$5,575	14.4%	1.8x	10.2x	1.8x	11.5x
Average			68.1%	\$76,202	\$44,042	\$6,891	14.5%	1.6x	11.2x	1.7x	11.6x
Defense Systems											
Qubic Corporation	NYSE: CUB	\$48.03	63.9%	\$2,394	\$1,504	\$140	9.3%	1.6x	17.0x	1.6x	14.2x
Ebit Systems Ltd.	NasdaqGS ESLT	\$137.05	81.7%	\$7,182	\$4,558	\$497	10.9%	1.6x	14.5x	1.5x	12.6x
FLIRSystems, Inc.	NasdaqGS FLIR	\$40.57	68.3%	\$5,876	\$1,893	\$429	22.6%	3.1x	13.7x	3.1x	16.5x
L3Harris Technologies, Inc.	NYSE LHX	\$169.67	73.5%	\$44,014	\$21,424	\$4,318	20.2%	2.1x	10.2x	2.4x	12.2x
OSI Systems, Inc.	NasdaqGS OSIS	\$74.64	63.7%	\$1,631	\$1,197	\$184	15.4%	1.4x	8.9x	1.4x	8.6x
Teledyne Technologies Incorporated	NYSE TDY	\$310.95	77.9%	\$12,157	\$3,203	\$661	20.6%	3.8x	18.4x	3.9x	20.7x
Median			70.9%	\$6,529	\$2,548	\$463	17.8%	1.8x	14.1x	2.0x	13.4x
Average			71.5%	\$12,209	\$5,630	\$1,038	16.5%	2.2x	13.8x	2.3x	14.1x
Diversified Government Services											
Booz Allen Hamilton Holding Corporation	NYSE: BAH	\$77.79	94.6%	\$12,568	\$7,464	\$789	10.6%	1.7x	15.9x	1.6x	16.0x
CACI International Inc.	NYSE CACI	\$216.88	75.2%	\$7,301	\$5,598	\$559	10.0%	1.3x	13.1x	1.2x	12.3x
Leidos Holdings, Inc.	NYSE LDOS	\$93.67	74.4%	\$17,722	\$11,406	\$1,219	10.7%	1.6x	14.5x	1.4x	14.2x
ManTech International Corporation	NasdagGS MANT	\$68.49	72.9%	\$2,911	\$2,332	\$218	9.4%	1.2x	13.3x	1.2x	13.8x
Parsons Corporation	NYSE: PSN	\$36.24	79.8%	\$4,131	\$4,021	\$303	7.5%	1.0x	13.6x	1.0x	12.2x
Perspecta Inc.	NYSE PRSP	\$23.23	77.7%	\$6,459	\$4,504	\$702	15.6%	1.4x	9.2x	1.5x	9.1x
Science Applications International Corporation	NYSE SAIC	\$77.68	80.2%	\$7,547	\$6,521	\$597	9.2%	1.2x	12.6x	1.0x	12.0x
Median			77.7%	\$7,301	\$5,598	\$597	10.0%	1.3x	13.3x	1.2x	12.3x
Average			79.3%	\$8,377	\$5,978	\$627	10.4%	1.3x	13.2x	1.3x	12.8x
Middle Market Government Services											
ICF International, Inc.	NasdaqGS ICFI	\$64.83	68.1%	\$1,853	\$1,496	\$151	10.1%	1.2x	12.3x	1.3x	14.1x
Kratos Defense & Security Solutions, Inc.	NasdaqGS KTOS	\$15.63	62.3%	\$2,150	\$726	\$75	10.3%	3.0x	28.8x	2.9x	28.9x
PAEIncorporated	NasdaqOM: PAE	\$9.56	74.9%	\$1,597	\$2,708	\$58	2.1%	0.6x	27.7x	0.6x	9.3x
Vectrus, Inc.	NYSE VEC	\$49.13	82.9%	\$622	\$1,408	\$71	5.0%	0.4x	8.8x	0.4x	8.9x
VSECorporation	NasdaqGS VSEC	\$31.39	76.3%	\$647	\$760	\$94	12.3%	0.9x	6.9x	1.1x	12.8x
Median			74.9%	\$1,597	\$1,408	\$75	10.1%	0.9x	12.3x	1.1x	12.8x
Average			72.9%	\$1,374	\$1,420	\$89	8.0%	1.2x	16.9x	1.2x	14.8x

Source: S&P Capital IQ

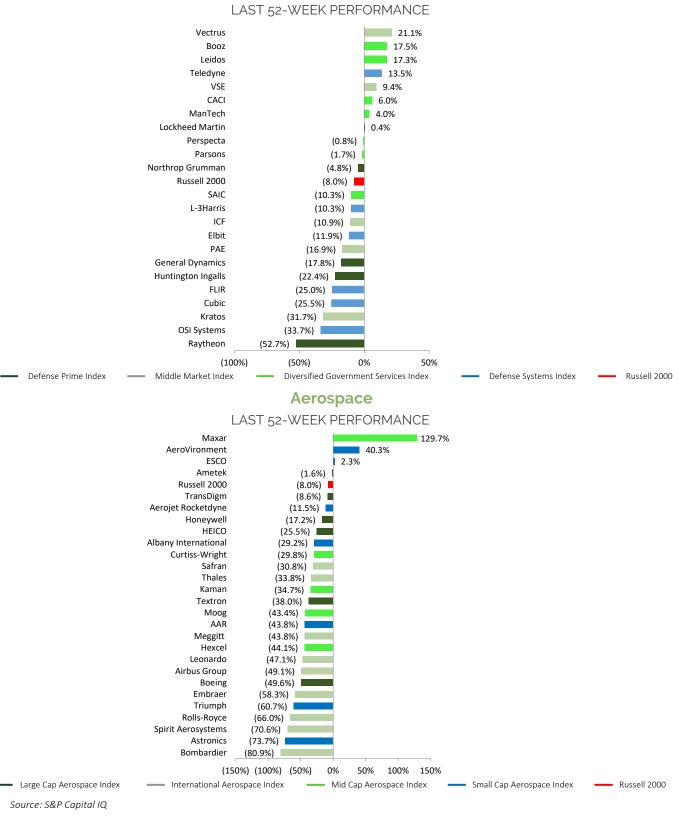


Capital Markets Overview – Aerospace

Public Capital Markets Data					Financial Performance			Valuation		Valuation	
		Stock	% of			LTM		TEV	/ LTM	TEV / C	Y2020E
		Price at		Enterprise	Total		EBITDA	Total		Total	
Company Name		6/30/2020	High	Value	Sales	EBITDA	Margin	Sales	EBITDA		EBITDA
Large Cap Aerospace											
AMETEK, Inc.	NYSE AME	\$89.37	87.4%	\$22,678	\$5,073	\$1,420	28.0%	4.5x	16.0x	5.1x	18.2x
HECO Corporation	NYSE HE	\$99.65	67.4%	\$12,627	\$2,048	\$570	27.8%	6.2x	22.2x	7.2x	27.9x
Honeywell International Inc.	NYSE HON	\$144.59	78.6%	\$109,773	\$36,288	\$8.888	24.5%	3.0x	12.4x	3.4x	14.4x
Textron Inc.	NYSE TXT	\$32.91	60.7%	\$10,531	\$13,298	\$1,454	10.9%	0.8x	7.2x	0.9x	11.6x
The Boeing Company	NYSE BA	\$183.30	46.9%	\$127,146	\$70,550	-\$2,256	-3.2%	1.8x	NM	1.9x	NM
Transdigm Group Incorporated	NYSE TDG	\$442.05	65.6%	\$40.275	\$5.970	\$2,716	45.5%	6.7x	14.8x	8.5x	19.0x
Median		¢112.00	66.5%	\$31,476	\$9,634	\$1,437	26.2%	3.7x	14.8x	4.3x	18.2x
Average			67.7%	\$53,838	\$22,205	\$2,132	22.3%	3.8x	14.5x	4.5x	18.2x
Mid Cap Aerospace											
Ourtiss-Wright Corporation	NYSE OW	\$89.28	59.6%	\$4,608	\$2,511	\$546	21.8%	1.8x	8.4x	2.0x	9.6x
Kaman Corporation	NYSE KAMN	\$41.60	61.0%	\$1,278	\$802	\$122	15.2%	1.6x	10.5x	1.6x	12.6x
Hexcel Corporation	NYSE: HXL	\$45.22	52.0%	\$4,836	\$2,287	\$565	24.7%	2.1x	8.6x	2.7x	14.0x
Maxar Technologies Inc.	NYSE MAXR	\$17.96	83.7%	\$4,310	\$1,616	\$376	23.3%	2.7x	11.5x	2.6x	11.2x
Moog Inc.	NYSE MOGA	\$52.98	54.9%	\$2,798	\$3,026	\$388	12.8%	0.9x	7.2x	1.0x	9.8x
Spirit Aerosystems Holdings, Inc.	NYSE: SPR	\$23.94	25.8%	\$3,772	\$6,973	\$778	11.2%	0.5x	4.8x	1.0x	NM
Median			57.2%	\$4,041	\$2,399	\$467	18.5%	1.7x	8.5x	1.8x	11.2x
Average			56.2%	\$3,600	\$2,869	\$462	18.1%	1.6x	8.5x	1.8x	11.4x
International Aerospace											
Airbus SE	ENXTPA:AIR	\$63.52	45.6%	\$63,018	\$77,530	\$4,183	5.4%	0.8x	15.1x	1.1x	9.7x
Bombardier Inc.	TSX: BBD. B	\$0.42	17.9%	\$11,631	\$15,932	\$491	3.1%	0.7x	23.7x	0.9x	17.5x
Embraer S.A.	BOVESPA: EMBR3	\$8.09	39.3%	\$983	\$2,011	\$67	3.3%	0.5x	14.7x	0.3x	18.5x
Leonardo SpA	BIT:LDO	\$5.90	49.6%	\$9,030	\$15,436	\$1,840	11.9%	0.6x	4.9x	0.6x	5.6x
Meggitt plc	LSEMGGT	\$2.94	41.9%	\$4,008	\$2,845	\$631	22.2%	1.4x	6.3x	1.8x	9.6x
Rolls-Royce Holdings plc	LSERR	\$2.85	31.7%	\$8,390	\$20,731	-\$92	-0.4%	0.4x	NM	0.6x	5.2x
Safran SA	ENXTPA:SAF	\$89.22	58.6%	\$48,373	\$28,569	\$5,900	20.7%	1.7x	8.2x	2.4x	13.9x
Thales SA	ENXTPA:HO	\$71.88	64.1%	\$21,352	\$20,809	\$2,701	13.0%	1.0x	7.9x	1.1x	8.9x
Median			43.8%	\$10,331	\$18,332	\$1,236	8.7%	0.8x	8.2x	1.0x	9.7x
Average			43.6%	\$20,848	\$22,983	\$1,965	9.9%	0.9x	11.5x	1.1x	11.1x
Small Cap Aerospace											
AAR Corp.	NYSEAIR	\$20.67	39.2%	\$964	\$2,218	\$158	7.1%	0.4x	6.1x	0.6x	10.0x
Aerojet Rocketdyne Holdings Inc.	NYSE AJRD	\$39.64	69.2%	\$2,894	\$1,966	\$302	15.4%	1.5x	9.6x	1.4x	10.4x
AeroVironment, Inc.	NasdaqGS AVAV	\$79.63	98.6%	\$1,608	\$367	\$57	15.5%	4.4x	28.2x	4.0x	25.0x
Albany International Corporation	NYSE AIN	\$58.71	63.8%	\$2,184	\$1,039	\$275	26.5%	2.1x	7.9x	2.4x	9.8x
Astronics Corporation	NasdaqGS ATRO	\$10.56	25.1%	\$496	\$722	\$72	9.9%	0.7x	6.9x	1.0x	17.8x
ESCO Technologies Inc.	NYSE ESE	\$84.53	78.9%	\$2,303	\$831	\$160	19.2%	2.8x	14.4x	3.1x	17.2x
Triumph Group, Inc.	NYSE TG	\$9.01	30.7%	\$1,857	\$2,900	\$298	10.3%	0.6x	6.2x	0.8x	10.0x
Median			63.8%	\$1,857	\$1,039	\$160	15.4%	1.5x	7.9x	1.4x	10.4x
Average			57.9%	\$1,758	\$1,435	\$189	14.8%	1.8x	11.3x	1.9x	14.3x

Source: S&P Capital IQ





Defense and Government Services



ADG 2020 Transactions

Closed Date Buyers/Investors **Primary Industry** Target Value (\$USDmm) The 3M Company's (NYSE: MMM) advanced Defense Contracting 01/02/2020 Avon Rubber plc (LSE: AVON.L) 91.0 ballistic-protection business Defense Contracting 01/02/2020 901D Holdinas Curtiss-Wright Corp. (NYSE: CW) 132.0 Aerospace IT 01/03/2020 Aircraft Performance Group, LLC AFV Partners, LLC Undisclosed Government Services 01/03/2020 Eden Consulting Group, Inc. Quotient, Inc Undisclosed Government Services IT 01/03/2020 OMNITEC Solutions, Inc. Gryphon Technologies, Inc. Undisclosed Aerospace 01/06/2020 Premiair Aviation Maintenance Pty Ltd Textron Aviation Inc Undisclosed PIXIA Corp. 01/06/2020 Cubic Corp. (NYSE: CUB) 200.0 IT Consulting and Services Aerospace 01/07/2020 HiETA Technologies Ltd Meggitt (UK) Ltd Undisclosed 01/07/2020 AeroRepair Corp. GenNx360 Capital Partners Undisclosed Aerospace Aerospace 01/07/2020 Icon Aerospace Technology Ltd Integrated Polymer Solutions Undisclosed Aerospace IT 01/07/2020 Excelitas Technologies Corp. TT Electronics plc (LSE: TTG.L) 17.7 Defense Contracting 01/07/2020 California Amforge Corp. Premier Forge Group Undisclosed Government Services 01/07/2020 NextgenID, Inc. Zeva Holdings Group Undisclosed Government Services IT 01/07/2020 JHC Technology, Inc. Effectual, Inc Undisclosed IT Consulting and Services 01/07/2020 Novayre Solutions SL Appian Corp. (NasdaqGS: APPN) Undisclosed IT Consulting and Services BRM DMS Inc. 01/07/2020 Undisclosed IT Consulting and Services 01/07/2020 TriMech Solutions, LLC The Halifax Group Undisclosed Wesco Aircraft Holdings, Inc. (NYSE: WAIR) Platinum Equity Holdings (PEH) 1.900.0 Aerospace 01/09/2020 Aerospace 01/10/2020 PFW Aerospace GmbH Hutchinson S.A Undisclosed Cybersecurity 01/13/2020 Culmen International, LLC Hale Capital Partners 15.0 IT Consulting and Services 01/13/2020 Incentive Technology Group, LLC ICF International, Inc. (NasdaqGS: ICFI) 255.0 01/14/2020 Summerill Tube Corp. Sandvik AB (Stockholm: SAND.ST) Undisclosed Aerospace Wind River Systems, Inc. Cybersecurity 01/14/2020 Star Lab Corp Undisclosed 01/15/2020 Fidelis Cybersecurity. Inc. Skyview Capital, LLC Undisclosed Cybersecurity Whitney, Bradley & Brown, Inc. (WBB) Cybersecurity 01/15/2020 Decisive Analytics Corp. (DAC) Undisclosed Defense Contracting 01/15/2020 RLS Machining, Inc. Consolidated Machine & Tool Holdings, LLC (CMTH Undisclosed IT Consulting and Services 01/15/2020 AWR Corp. Cadence Design Systems, Inc. (NasdaqGS: CDNS) 160.0 Defense Contracting 01/16/2020 Bonham Technologies, Inc. (BTI) Qualis Corp. Undisclosed Government Services IT 01/16/2020 Spectranetix, Inc. Pacific Defense Undisclosed Aerospace 01/17/2020 Fiber Materials Inc. (FMI) Spirit Aerosystems Holdings, Inc. (NYSE: SPR) Undisclosed 01/20/2020 Cobham plc (LSE: COB.L) Aerospace Advent International Corp 4,990.0 01/21/2020 World Aviation Corp. (WAC) Precision Aviation Group Inc. (PAG) Undisclosed Aerospace Defense Contracting 01/21/2020 Trilogy Circuits, LLC Zentech Manufacturing, Inc. Undisclosed Defense Contracting 01/21/2020 EnPro Industries, Inc. (NYSE: NPO) Arcline Investment Management LP 450.0 Defense Contracting 01/23/2020 Pilkington Metal Finishing, LLC Pioneer Metal Finishing, LLC Undisclosed IT Consulting and Services 01/24/2020 Jaco Display Solutions, LLC Video Display Corp. (NasdaqGM: VIDE) Undisclosed 01/27/2020 Novaria Holdings, LLC KKR & Co., Inc. (NYSE: KKR) Undisclosed Aerospace 01/27/2020 MCM Capital Partners Undisclosed Defense Contracting EB Industries, LLC Government Services IT 01/27/2020 Blackstone Technology Group ASGN, Inc. (NYSE: ASGN) 85.0 IT Consulting and Services 01/27/2020 Undisclosed Tensing International B.V Avineon, Inc. Defense Contracting 01/28/2020 ARCH Global Precision, LLC The Jordan Company, L.P Undisclosed Gilat Satellite Networks Ltd. (Nasdaq: GILT; Comtech Telecommunications Corp. (Nasdaq: 01/29/2020 Aerospace Communications 532.5 TASE: GILT) CMTL) Comtech Telecommunications Corp. (NasdaqGS: Aerospace IT 01/29/2020 CGC Technology Limited 23.7 CMTL) Aerospace 01/30/2020 Prime Turbines, LLC PTB Group Ltd (ASX: PTB) 21.0 01/30/2020 RSA Engineered Products, LLC TriMas Corp. (NasdaqGS: TRS) Defense Contracting Undisclosed Defense Contracting 01/31/2020 Pacific Defense Strategies, Inc. **HCI Equity Partners** Undisclosed Government Services IT 1 650 0 01/31/2020 Dynetics Inc. Leidos Holdings, Inc. (NYSE: LDOS) IT Consulting and Services 02/01/2020 Checchi and Company Consulting, Inc. Dexis Consulting Group Undisclosed Dynatest North America, Inc. 02/03/2020 Applied Research Associates, Inc. Undisclosed Aerospace 02/03/2020 ILC Dover, LP New Mountain Capital, LLC Undisclosed Defense Contracting Tube Bending, Inc. Washington Equity Partners Undisclosed Defense Contracting 02/03/2020 Government Services 02/03/2020 Sampling Business ("I&S") of CIRCOR International Crane Co. (NYSE: CR) 172.0 Trowbridge & Trowbridge, LLC Cybersecurity 02/04/2020 IntelliWare Systems, Inc. Undisclosed

Newman & Spurr Consultancy Limited (NSC).

Source: S&P Capital IQ and DACIS

02/04/2020

Defense Contracting



18.3

QinetiQ Group plc (LSE: QQ.L)

ADG 2020 Transactions

Primary Industry	Closed Date	Target	Buyers/Investors	Value (\$USDmm)
Defense Contracting	02/04/2020	Newman & Spurr Consultancy Limited	QinetiQ plc (LSE: QQ.L)	18.2
Government Services	02/04/2020	NanoCool, LLC	Pelican Products, Inc.	Undisclosed
Aerospace	02/05/2020	International Aero Services, Inc.	PrimeFlight Aviation Services, Inc.	Undisclosed
Government Services IT	02/05/2020	IntelliPower, Inc.	AMETEK, Inc. (NYSE: AME)	115.0
Defense Contracting	02/06/2020	Micross Components, Inc.	Corfin Industries, LLC	Undisclosed
Defense Contracting	02/06/2020	American Pacific Corp.	AE Industrial Partners, LP	Undisclosed
Aerospace	02/07/2020	Mercury Tube Products	Accu-Tube Corp.	Undisclosed
Aerospace IT	02/10/2020	Inter-Coastal Electronics, Inc.	FAAC, Inc.	Undisclosed
Defense Contracting	02/10/2020	PAE Incorporated	Gores Holdings III, Inc.	660.0
IT Consulting and Services	02/10/2020	Numalis	MBDA Holdings SAS	Undisclosed
Government Services IT	02/11/2020	NorthStar Systems	SOS International, LLC	Undisclosed
Government Services IT	02/12/2020	Collective FLS, Inc.	COREONYX, Inc.	Undisclosed
Aerospace	02/13/2020	Airbus Canada Limited Partnership	Airbus SAS	591.0
Aerospace	02/18/2020	Premier Processing, LLC	Cadence Aerospace, LLC	Undisclosed
Defense Contracting	02/18/2020	Fountain Plating Co., Inc.	Valence Surface Technologies, LLC	Undisclosed
Defense Contracting	02/19/2020	Custom MMIC Design Services, Inc.	Qorvo, Inc. (Nasdaq:QRVO)	Undisclosed
Aerospace Communications	02/24/2020	Flash Line Maintenance, S.r.l.	FL Technics UAB	Undisclosed
Aerospace IT	02/24/2020	FreeFlight Systems Ltd.	The ACR Group	Undisclosed
Defense Contracting	02/24/2020	Consolidated Aerospace Manufacturing, LLC	Stanley Black & Decker, Inc. (NYSE: SWK)	1,460.0
Government Services	02/25/2020	Pennsylvania Machine Works, LLC	Wynnchurch Capital, L.P.	Undisclosed
IT Consulting and Services	02/25/2020	Segue Technologies, Inc.	Tetra Tech, Inc. (NasdaqGS: TTEK)	Undisclosed
Aerospace	02/27/2020	Thaler Machine Company LLC	Cognitive Capital Partners LLC	Undisclosed
Defense Contracting	02/27/2020	Kellstrom Defense Aerospace, Inc.	Aero Precision Holdings, L.P.	Undisclosed
Aerospace IT	02/28/2020	Vector Launch, Inc.	Lockheed Martin Corp. (NYSE: LMT)	4.2
Defense Contracting	02/29/2020	MAST Technology Inc.	UDC USA Inc.	Undisclosed
Cybersecurity	03/02/2020	Compuware Corp.	BMC Software, Inc.	Undisclosed
Government Services	03/02/2020	Global Marine Group	J.F. Lehman & Co.	250.0
IT Consulting and Services	03/02/2020	Eagle Ray, Inc.	Preferred Systems Solutions, Inc.	Undisclosed
Aerospace Communications	03/03/2020	Adcole Maryland Aerospace	AE Industrial Partners, LP	Undisclosed
Aerospace IT	03/03/2020	Neva Ridge Technologies, Inc	General Atomics Electromagnetic Systems Group (GA-EMS)	Undisclosed
Defense Contracting	03/03/2020	G.S. Precision, Inc.	AE Industrial Partners, LP	Undisclosed
Cybersecurity	03/06/2020	Babcock International Group plc (LSE: BAB.L)	Accenture plc (NYSE: ACN)	138.5
Aerospace IT	03/09/2020	AEVEX Aerospace, LLC	Madison Dearborn Partners, LLC	Undisclosed
Defense Contracting	03/09/2020	Nuclear business of John Wood Group plc (LSE: WG.L)	Jacobs Engineering Group, Inc. (NYSE: JEC)	300.0
Government Services IT	03/10/2020	Continental Mapping Consultants, LLC	Bluestone Investment Partners, LLC	Undisclosed
Aerospace	03/11/2020	Rocketroute Limited	AFV Partners LLC	Undisclosed
IT Consulting and Services	03/11/2020	Business Collaborator Ltd	Bentley Systems, Inc	Undisclosed
Physical Security	03/11/2020	Sound & Sea Technology, Inc.	Truston Technologies, Inc	Undisclosed
Defense Contracting	03/13/2020	Zentech Bloomington LLC	BlackBern Partners LLC	Undisclosed
Government Services IT	03/13/2020	Unisys Federal	Science Applications International Corp.	1,025.0
Government Services IT	03/19/2020	Global Emergency Response Inc.	Central Research Inc.	Undisclosed
Government Services IT	03/19/2020	Pondera Solutions LLC	Thomson Reuters	Undisclosed
Government Services IT	03/19/2020	GeoData IT LLC	Freedom Consulting Group Inc.	Undisclosed
Government Services IT	03/24/2020	Cyberylllum LLC	Shorepoint Inc.	Undisclosed
Aerospace & Defense	03/25/2020	Palladium Equity Partners LLC	Reading Alloys Inc	Undisclosed
Defense Contracting	03/26/2020	Hydrioid Inc.	Huntington Ingalls Industries Inc.	350.0
Aerospace	03/31/2020	Wineman Technology Inc.	CertTech L.L.C	Undisclosed
Government Services IT	03/31/2020	TeraThink Corp.	CGI Group Inc.	Undisclosed
Government Services IT	04/01/2020	Lumerical Inc.	ANSYS Inc.	107.5
Defense Contracting	04/02/2020	AeroVista Innovations LLC	DroneUp LLC	Undisclosed
Government Services	04/02/2020	Altran Technologies S.A.	Capgemini S.A.	4,100.0
Aerospace & Defense	04/03/2020	Precinmac Precision Machining	Pine Island Capital Partners	Undisclosed
Aerospace & Defense	04/03/2020	Raytheon Technologies Corp.	United Technologies Corp.	121,000.0
Cyber Security	04/06/2020	Excivity Inc.	Arlington Capital Partners	Undisclosed
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Source: S&P Capital IQ and DACIS



ADG 2020 Transactions

Primary Industry Government Services IT Aerospace Defense Contracting Aerospace Defense Contracting Aerospace & Defense Defense Contracting Government Services Cyber Security Aerospace Comunications Defense Contracting Aerospace Government Services IT Defense Contracting Aerospace Aerospace Physical Security Government Services Government Services Government Services IT Aerospace Comunications Government Services Government Services IT Government Services IT Goverment Services Cyber Security Cyber Security Goverement Services Aerospace Aerospace Aerospace Government Services IT Defense Contracting Government Services IT Security IT Satellite Comunications Goverment Services Government Services Government Services IT Satellite Comunications Software Development Goverment Services IT Defense Contracting Government Operations and Services Aerospace Government Services IT Excavating and Deconstruction Government Services IT Aerospace IT Government Personel Services Government Services IT Aerospace Comunications Government Services IT

Closed Date 04/07/2020 04/08/2020 04/08/2020 04/10/2020 04/14/2020 04/15/2020 04/15/2020 04/20/2020 04/23/2020 04/27/2020 04/27/2020 04/30/2020 04/30/2020 05/01/2020 05/04/2020 05/04/2020 05/04/2020 05/05/2020 05/05/2020 05/05/2020 05/06/2020 05/06/2020 05/06/2020 05/07/2020 05/12/2020 05/18/2020 05/19/2020 05/19/2020 05/29/2020 06/01/2020 06/01/2020 06/01/2020 06/02/2020 06/03/2020 06/04/2020 06/05/2020 06/07/2020 06/08/2020 06/08/2020 06/08/2020 06/08/2020 06/10/2020 06/11/2020 06/11/2020 06/12/2020 06/12/2020 06/16/2020 06/16/2020 06/18/2020 06/19/2020 06/22/2020 06/23/2020 06/23/2020 06/26/2020

Kopter Group AG MDA Systems Ltd SABCA Western Forge and Flange Co. Jet Engine Solutions LLC E Mergent RC Johansen Construction Company Inc. Coalfire Systems Inc McMurdo Inc Princeton Technology Corp Sinclair Interplanetary InCadence Straregic Solutions Corp. DHPC Technologies Inc Raytheon Airbone Tactical Business Flightwire Technology Inc. L3 Security Detection and Automation NCC Inc Two Springs Consulting LLC Collaborative Solutions LLC Tethers Unlimited Inc. Delta Solutions & Strategies LLC Enterprise Venture Corp. WRAP Software OnLocation Inc. Enterprise Information Services Cyberbit Ltd Applied Kilovolts Ltd Avio S.p.A Deep Space Systems Inc MHI RJ Aviation Group Compuware Holding Corp Cobham RAD Inc. Five Talent Software Inc. IJK Controls LLC General Dynamics SATCOM Aerobiology Laboratory Associates Inc. Circuit Services LLC Skyline Ultd Inc. Phasor Solutions Limited Lucid Perspectives LLC Interpreting Technology Rocky Mountain Hydrostatics, Inc. J&J Maintenance. Inc Spaceflight Inc. Novetta Solutions, LLC Heneghan Wrecking & Excavating Co Applications Technology, LLC Flightdocs II, LLC Anistar Technologies Corporation NuWave Solutions, L.L.C Gardner Standard Mangement, LLC Corbett Technology Solutions Inc. Rivet Logic Corporation

AVI-SPL Inc

Buyers/Investors Value (\$USDmm) Marlin Equity Partners Leonardo SpA Northern Private Capital Sabena Aerospace Wynnchurch Capital L.P Hong Kong Aircraft Engineering Company Aegis Technologies Group LLC Ukpeagvik Apax Partners Techno-Sciences Inc. Intervala I I C Rocket Lab USA Inc. Xator Holdings Corp. Perspecta Labs Inc. BAE Systems New Wave Design and Verification LLC Leidos Holdings Inc. Dexis Interactive Incorporated Avineon Inc. Cognizant Technology Solutions Corporation The Blackstone Group Bluestone Investment Partners Applied Research Associates Altair Engineering Inc. Information International Associates Cognosante Holdings, LLC Charlesbank Capital Partners LLC Adaptas Solutions Leonardo SpA AE Industrila Partners, LP Mitsubishi Heavy Industries KKR & Co. Inc. Radiation Test Solutions Inc. Lumerity Capital General Atomics Communications & Power Industries LLC Pace Analytical Services LLC Arsenal Capital Partners Central Research Inc Hanwha Corp NewSpring Capital Cyemptive Technologies HEICO Corp. Arlington Capital Partners Mitsul & Co. Ltd. Wavestrike LLC Northstar Group Services SOS International LLC ParkerGale Capital LP White Wolf Capital, LLC AE Industrial Partners, LP Shadin L P Wind Point Partners VarIQ Corp

Undisclosed

185.0

765.0

Undisclosed

225.0

Undisclosed

1,000.0

Undisclosed

Undisclosed

Undisclosed

Undisclosed

Undisclosed

Undisclosed

Undisclosed

Undisclosed

Undisclosed

70.0

Undisclosed

15.8

Undisclosed

570.0

1,086.5

Undisclosed

Source: S&P Capital IQ and DACIS

IT Consulting & Services



FIRM HIGHLIGHTS

- Leadership team averages 20 years of industry experience
- Longstanding relationships with virtually every strategic and financial buyer in the Defense and Government, Security
 and Technology and Critical Infrastructure sectors
- With over 300 recurring clients, we are one of the largest diversified valuation practices in the Mid-Atlantic Region covering every industry sector and ranging in size from early-stage companies to Fortune 50 publicly traded companies
- Over 100 closed transactions since 2010

		Practice Leads		
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Michael Loftus	Mitchell Martin	Shari Overstreet	Barbara Papas	Andy Smith
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CORE BUSINESS

Investment Banking

Strategic Advisory Services

Sell-Side M&A Buy-Side M&A Debt / Equity Placements Special Situations Valuations and Opinions Other Advisory Services

Business Valuation

Valuations and Opinions

"Fair Value" Financial Reporting Management Stock Compensation Plans Equity Incentive Plans and Tax Litigation Support Fairness Opinions PEG Portfolio Valuations ESOP Transactions

Growth Capital

Capital Infusion

Provide growth capital to selected clients pursuing inorganic growth initiatives

SECTOR FOCUS

- C4ISR
- Cloud Computing
- Communication Technology & Services
- Cyber Security Products & Services
- Defense Electronics

- Enterprise Network Management
- Critical Infrastructure with a focus on wastewater & marine
- IT, Software & Consulting Services
- Logistics & Training
- Technical & Professional Services

- Homeland Security
- Intelligence Community
 - International Development
 - IT, Software & Consulting Services



SELECTED M&A ENGAGEMENTS

Anomaly Restrictions Anomaly Restrictions Prophylic Complete MVC CAPITAL	Contractions Co	Recapitalization	TROVERSOL & TROVERSOL		acquired by acquired by a poplied insight a pottoic onceases of a CACCIA	acquired by	ACES REConstruction acquired by CONSTRUCTION AND SACON AND SACO	Acquired by acquired by Constraints Acquired by Acquired by Acquir
CADMUS Debt Financing By ENLIGHTENMENT CAPITAL	E KEYLOGIC acquired by KEYLOGIC IA TECHNOLOGIES	ACQUIRE DAY	An Affiliate of SCRA acquired by	cassitility & federal systems acquired by Belcan Anomany 20 mark	A Englity Company acquired by EXERCISE INTERNATIONAL	acquired by	The Notice Bandias Grapher Merrin exactled by Merrin	Management Buyout
Synaptic Solutions acquired by	ecquired by VRNDERLANDE	Recapitalization	brimtek acquired by Digital Barriers	eXMeritus acquired by	acquired by Booz Allen Hamilton	ESCP buyout financed by	Clearsoft acquired by brmi	acquired by Tallasi Technology
acquired by	National Security Partners, Inc. A RedCap wroke unique acquired POINT ONE	iLa MinA exclusion inc. ecclusioned by ECS	COMPSEC acquired by DC CANTACTARINERS	Acquired	BACK CONTINUES AND A CONTINUES	CLOBALTRAS acquired by ORBCOMM	exquined by People-Values-Purpose	equired by Centra Technology, Inc
acquired by SCIENSWATER	Seaport British 2 forwarestal acquired by	ecquired by	growth recapitalization by CC CAPITAL	Res-Kem Corp. acquired by MALCO	Pentair Strategic Advisory	acquired by	CHRISTAMERICAS Detroit Ventores acquired by MALCO	Accention The Construction Accenter accenter Accenter accenter Accent

SELECTED VALUATION ENGAGEMENTS





Marc Gruzenski Joins The McLean Group to Lead Its Security Practice

MCLEAN, VA – The McLean Group, a middle-market investment bank providing strategic and financial advice on mergers and acquisitions, business valuation, as well as growth capital announced today that Marc Gruzenski has joined the firm as Senior Managing Director. In this role, Mr. Gruzenski will lead the firm's Security Practice focused on the cyber security, physical security, and security risk management sectors.



Mr. Gruzenski joins the firm after serving as Director of Global Security Technology and Director of Information Protection at The Walt Disney Company, where he led global teams in protecting people and intellectual property for the most iconic brands in America to include Twenty-First Century Fox, ABC, ESPN and many others. Prior to that Mr. Gruzenski was Chief-Intelligence and Analysis, Global Asset Protection for the world's largest consulting firm, Accenture, where he led threat intelligence and response operations for 285,000 employees working in 120 countries. He started his professional career serving his country as an officer in the U.S. Army and as a case officer in the Central Intelligence Agency.

Mr. Gruzenski's operational expertise and executive relationships across the private sector and US government will undoubtedly strengthen the momentum of The McLean Group's mission-oriented investment banking and advisory services.

Mitch Martin, Senior Managing Director, The McLean Group, said, "We are pleased to announce the addition of Marc to our investment banking team. Marc and I have known each other for 20 years and his character and industry expertise are unmatched. He brings with him an astounding background in the Technology and Security industries having served in public, private and government sectors. By appointing Marc to lead our Security Practice we are continuing to position The McLean Group as the pre-eminent middle-market investment bank in the security, intelligence and critical infrastructure segments."

Mr. Gruzenski has also remained very active in industry associations, including the Overseas Advisory Council, Defense Security Advisory Council, Security Industry Association, and the Global Security Exchange. He also helped build cross-industry collaboration organizations focused on insider threat and separately on security technology.

Mr. Gruzenski hails from Annapolis, MD and graduated from Hood College in Frederick, MD. When not working, Marc focuses on his most important job as husband to wife Nairi, and father to Aniela (19), Tomas (17), Soren (8) and Lilyana (3).

CONNECT WITH MARC

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ON DEMAND WEBINARS



Long-Term Impact of COVID-19 on GovCon M&A



Impact of COVID-19 on Water & Wastewater M&A



Impact of COVID-19 on Security and Technology M&A

