

MARKET INTELLIGENCE

The following charts reflect transactions involving U.S.-based financial sponsors. The categories include seeking buyers, announced deals, closed transactions. The source for the data is Thomson One, a product of Thomson Reuters Markets. Please contact Paul Centopani at pcentopani@buyoutsinsider.com with questions or comments.

DEAL FLOW

Seeking Buyers–U.S. Targets (November 8, 2016 - November 21, 2016)

INDUSTRIALS

Date Announced	Target Name	Target City	Target State	Target Full Business Description	Target Advisors	Synopsis
11/10/16	Kuka AG- Aerospace Business	-	Delaware	Aerospace business of Kuka AG, located in the United States.	-	US - In November 2016, KUKA AG, an Augsburg-based manufacturer of conveyor and conveying equipment, announced that it was seeking a buyer for its aerospace business.

RECENT DEALS

Announced, Pending LBOs By U.S. Sponsors (November 8, 2016 - November 21, 2016)

CONSUMER PRODUCTS AND SERVICES

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/16/16	Crisis Prevention Institute Inc	Pvd crisis training svc	Friedman Fleischer & Lowe LLC	Friedman Fleischer & Lowe LLC	-	US - Friedman Fleischer & Lowe LLC definitively agreed to acquire Crisis Prevention Institute Inc, a Milwaukee- based provider of crisis prevention training services, from Brockway Moran & Partners Inc, in a tertiary buyout transaction. Terms were not disclosed. Previously, Brockway Moran & Partners Inc acquired Crisis Prevention Institute Inc. Originally, Riverside Co acquired Crisis Prevention Institute Inc.
11/16/16	Microlease Plc	Pvd test,measurement rent svcs	Electro Rent Corp	Platinum Equity LLC	-	UK - Electro Rent Corp of the US, a unit of Platinum Equity LLC, planned to acquire Microlease Plc, a Harrow- based provider of office machinery and equipment rental and leasing services, from Lloyds Development Capital Ltd, a unit of Lloyds Banking Group PLC, in a leveraged buyout transaction. Terms were not disclosed.

CONSUMER STAPLES

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/18/16	KAP Beteiligungs-AG	Mnfr textiles	The Carlyle Group LLC	The Carlyle Group LP	67.174	GERMANY - The Carlyle Group LLC of the US, a unit of The Carlyle Group LP, agreed to acquire 53% majority interest or 3.510 mil ordinary shares KAP Beteiligungs-AG, a Stadtallendorf-based manufacturer of apparels, from Daun & Cie AG, for EUR 18 (USD 19.133) in cash per share or for a total value of EUR 63.197 mil (USD 67.174 mil), in a leveraged buyout transaction.

ENERGY AND POWER

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/08/16	Entergy Nuclear	Own,op energy generation plant	Northstar Group Services Inc	CHS Capital LLC	-	US - Northstar Group Services Inc, a unit of CHS Capital LLC, agreed to acquire Entergy Nuclear, a New Orleans-based alternative energy sources establishment, from Entergy Corp. The transaction was to consist of Vermont Yankee Nuclear Power Station.
11/14/16	Inter Oil BV	Own,operate petrol stations	Argos Retail BV	The Carlyle Group LP	-	NETHERLANDS - Argos Retail BV, a unit of Varo Energy BV, agreed to acquire the entire share capital of Inter Oil BV, a Zutphen-based gasoline station operator.

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FINANCIALS

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/17/16	CitiFinancial Canada Inc	Sales Financing	Investor Group	Investor Group	-	CANADA - An investor group, comprised of JC Flowers & Co LLC and Varde Partners Inc definitively agreed to acquire CitiFinancial Canada Inc, a Montreal-based provider of financing services, from Citigroup Inc, in a leveraged buyout transaction. Terms were not disclosed.
11/16/16	Doosan Capital Co Ltd	Pvd financing services	Acuon Capital Corp	JC Flowers & Co LLC	-	SOUTH KOREA - Acuon Capital Corp, a unit of JCF III K Holdings LLC, agreed to merge with Doosan Capital Co Ltd, a Seoul-based provider of financial services, from JC Flowers & Co LLC, in a stock swap transaction.
11/08/16	ARA Asset Management Ltd	Provide RE fund mgmt svcs	Athena Investment Co (Cayman) Ltd	Warburg Pincus LLC	1256.091	SINGAPORE - Athena Investment Co (Cayman) Ltd of Cayman Islands, a new Company formed by Athena Investment Co (Singapore) Pte Ltd, planned to acquire the entire share capital of ARA Asset Management Ltd, a Singapore- based investment advisor, for SGD 1.78 (USD 1.282) in cash per share, or a total value of SGD 1.775 bil (USD 1.278 bil), in a leveraged buyout transaction, via a scheme of arrangement.

HEALTHCARE

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/10/16	Pacific Safety Products Inc	Mnfr,wholesale safety products	Med-Eng Holdings ULC	Kanders & Co Inc	10.488	CANADA - Med-Eng Holdings ULC, a unit of Safariland LLC, agreed to acquire the entire share capital of Pacific Safety Products Inc, an Arnprior-based manufacturer and wholesaler of safety products, for CAD 0.21 (USD 0.157) in cash per share, or a total CAD 13.945 mil (USD 10.404 mil), via scheme of arrangement.
11/10/16	Pacific Safety Products Inc	Mnfr,wholesale safety products	Med-Eng Holdings ULC	Kanders & Co Inc	-	FLASH: CANADA - Med-Eng Systems Inc, a unit of Allen- Vanguard Corp, planned to acquire Pacific Safety Products Inc, an Arnprior-based manufacturer of surgical appliance and supplies.

INDUSTRIALS

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/21/16	Lasko Holdings Inc	Electric Housewares and Household Fan Manufacturing	Investor Group	Investor Group	-	US - An investor group, comprised of JW Levin Management Partners LLC and Comvest Partners planned to acquire Lasko Holdings Inc, a West Chester-based manufacturer of electric housewares, in a leveraged buyout transaction.

MATERIALS

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/12/16	Burrows Paper Corp-Paper manufacturing assets	Manufacturing assets of Burrows in New York	Twin Rivers Paper Co Inc	Blue Wolf Capital Partners	-	US - Twin Rivers Paper Co Inc, a unit of Twin Rivers Paper Co Inc SPV, planned to acquire paper manufacturing assets of Burrows Paper Corp, a Little Falls-based manufacturer and wholesaler of paper and paper packaging products. Terms were not disclosed.

MEDIA AND ENTERTAINMENT

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/17/16	Ansira Partners Inc	Pvd marketing services	Advent International Corp	Advent International Corp	-	US - Advent International Corp planned to acquire an undisclosed majority interest in Ansira Partners Inc, a St Louis-based provider of marketing consulting services, in a leveraged buyout transaction. Terms were not disclosed.
11/08/16	Outrigger Enterprises Group Inc	Own,operate hotels	KSL Capital Partners LLC	KSL Capital Partners LLC	-	US - KSL Capital Partners LLC agreed to acquire Outrigger Enterprises Group Inc, a Honolulu-based owner and operator of hotels, in a leveraged buyout transaction.

MARKET INTELLIGENCE

REAL ESTATE

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/08/16	OFFICEFIRST Immobilien AG & Co KG	Lessors Of Nonresidential Buildings (Except Miniwarehouses)	Blackstone Real Estate Partners IV LP	Blackstone Group LP	-	GERMANY - Blackstone Real Estate Partners IV LP of the US, a unit of Blackstone Group LP, planned to acquire OFFICEFIRST Immobilien AG & Co KG, a Bonn-based lessor of nonresidential buildings, from IVG Immobilien AG, in a leveraged buyout transaction. The terms of the transaction were not disclosed, but according to sources close to the transaction, the value was estimated at EUR 3.3 bil (USD 3.646 bil). Originally, in June 2016, IVG Immobilien AG was rumored to be seeking a buyer for its OFFICEFIRST. Blackstone, Patrizia and Alstria were rumored potential bidders.

RETAIL

Rank Date	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/21/16	Hendrix Hotel & Restaurant Equipment & Supplies Ltd	Other Commercial Equipment Merchant Wholesalers	Russell Food Equipment Ltd	Blue Point Capital Partners LP	-	FLASH: CANADA - Russell Food Equipment Ltd, a unit of Blue Point Capital Partners LP, planned to acquire the entire share capital of Hendrix Hotel & Restaurant Equipment & Supplies Ltd, a Brockville-based commercial equipment merchant wholesaler.
11/08/16	Greer Cos-Outlets(44)	Own,operate restaurants	Cheddars Scratch Kitchen	Brazos Private Equity Partners	-	US - Cheddars Scratch Kitchen, a unit of Brazos Private Equity Partners LLC, planned to acquire 44 outlets of Greer Cos, a Lexington-based full-service restaurant operator.

Closed LBOs By U.S. Sponsors (November 8, 2016 - November 21, 2016)

CONSUMER PRODUCTS AND SERVICES

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/08/16	Source Security & Investigations Inc	Business Associations	Allied Universal Security Services LLC	Blackstone Group LP	-	CANADA - Allied Universal Security Services LLC of the US, jointly owned by Universal Services of America and Allied Security Holdings LLC, acquired Source Security & Investigations Inc, a Halifax-based business association.
11/16/16	Central Massachusetts Independent Physician Association Inc	Professional Organizations	Steward Health Care System LLC	Cerberus Capital Management LP	-	US - Steward Health Care System LLC, a unit of Cerberus Capital Management LP, acquired Central Massachusetts Independent Physician Association Inc, a Worcester-based provider of physicians support services. Terms were not disclosed.
11/16/16	Harrell's Car Wash Systems Inc	Car Washes	Generation Growth Capital Fund III LP	Generation Growth Capital	-	FLASH: US - Generation Growth Capital Fund III LP acquired Harrell's Car Wash Systems Inc, an Indianapolis-based car wash operator.
11/17/16	Retirement Educators Inc	Educational Support Services	Ascensus Inc	Genstar Capital LLC	-	FLASH: US - Ascensus Inc, a unit of Ascensus Inc SPV, acquired Retirement Educators Inc, a Norfolk-based provider of educational services.
11/17/16	Empire Today	pvd home improvement svcs	HIG Capital LLC	HIG Capital LLC	-	FLASH: US - HIG Capital LLC acquired Empire Today, a Northlake-based provider of interior design services, in a leveraged buyout transaction.
11/14/16	Window Genie	Janitorial Services	The Dwyer Group Inc	Riverside Co	-	US - The Dwyer Group Inc, a unit of Riverside Co, acquired Window Genie, a Cincinnati-based provider of janitorial services.
11/08/16	Vanerum Stelter LLC	Wood Office Furniture Manufacturing	MooreCo Inc	Webster Capital Management LLC	-	US - MooreCo Inc, a unit of Webster Capital Management LLC, acquired Vanerum Stelter LLC, a Grand Rapids-based manufacturer of wood office furniture.
11/08/16	Advanced Instruments Inc	Whl laboratory instruments	Windjammer Capital Investors LLC	Windjammer Capital Investors	-	US - Windjammer Capital Investors LLC acquired Advanced Instruments Inc, a Norwood-based professional equipment and supplies merchant wholesaler, in a leveraged buyout transaction. Terms were not disclosed.

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CONSUMER STAPLES

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/21/16	Stanton Carpet Corp	Manufacture, wholesale carpet	Quad-C Management Inc	Quad-C Management Inc	-	FLASH : US - Quad-C Management Inc acquired Stanton Carpet Corp, a Syosset-based carpet and rug mill operator, from Norwest Equity Partners.

ENERGY AND POWER

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/09/16	Grupo T-Solar Global SA	Alternative Energy Sources	I Squared Capital Advisors LLC	I Squared Capital Advisors LLC	132.202	SPAIN - I Squared Capital Advisors LLC of the US acquired Grupo T-Solar Global SA, a Madrid-based owner and operator of cogeneration plants, from Grupo Isolux Corsan SA, ultimately owned by Construction Investments Sarl, for a total EUR 120 mil (USD 132.202 mil), in a leveraged buyout transaction.
11/16/16	Emerald Oil Inc- Assets	Crude Petroleum and Natural Gas Extraction	Investor Group	Investor Group	-	US - An investor group comprised of Crestline Investors Inc and Fir Tree Partners acquired the assets of bankrupt Emerald Oil Inc(Emerald), a denver-based operator of an oil and gas exploration and production company. Originally, in March 2016, bankrupt Emerald announced that it was seeking a buyer for its assets.
11/10/16	Boom Technology Inc	Pvd oil spill removal services	National Response Corp	JF Lehman & Co	-	US - National Response Corp, a unit of NRC US Holding Company LLC, acquired Boom Technology Inc, a Gorham- based provider of oil spill removal services.

FINANCIALS

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/08/16	CHS Private Equity V LP	Private equity fund	AEA Investors Fund V-B LP	AEA Investors LP	-	US - AEA Investors Fund V-B LP, a unit of AEA Investors LP, acquired CHS Private Equity V LP, a Chicago-based buyout fund from CHS Capital LLC.
11/18/16	Permanent TSB Group Holding Plc- Capital Home Loans	Mortgage and Nonmortgage Loan Brokers	Cerberus Capital Management LP	Cerberus Capital Management LP	196.239	UK - Cerberus Capital Management LP of the US acquired the remaining 50% interest, which it did not already own, in capital home loans of Permanent TSB Group Holding Plc, a Dublin-based investment advisor, for a total GBP 160.3 mil (USD 196. 239 mil), in a leveraged buyout transaction. The deal was valued based on the 7% standard capitalization rate plus premium paid.
11/11/16	MDA Inc-Certain Assets	Insurance Agencies and Brokerages	Hub International Ltd	Hellman & Friedman LLC	-	US - Hub International Ltd, a unit of Hellman & Friedman LLC, acquired certain assets of MDA Inc, a Kalispell-based insurance agency. Terms were not disclosed.
11/09/16	Luk-Sal LLC-Certain Assets	Insurance agency	Hub International Ltd	Hellman & Friedman LLC	-	US - Hub International Ltd, a unit of Hellman & Friedman LLC, acquired certain assets of Luk-Sal LLC, a Falmouth- based insurance agency. Terms were not disclosed.

HEALTHCARE

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/18/16	Jonathan Paul Eyewear Inc	Ophthalmic Goods Manufacturing	Hilsinger Co LP	Blue Point Capital Partners LP	-	FLASH : US - Hilsinger Co LP, a unit of Blue Point Capital Partners LP, acquired Jonathan Paul Eyewear Inc, an Austin-based manufacturer of ophthalmic goods.
11/17/16	Starting Point of Darlington, Starting Point of Florence	Own,op substance abuse centers	Crossroads Holding LLC	Revelstoke Capital Partners	-	US - Crossroads Holding LLC, a unit of Revelstoke Capital Partners LLC, acquired Starting Point of Darlington LLC and Starting Point of Florence Inc, owners and operators of substance abuse centers.
11/16/16	Square Waveform Anesthesiology PA	All Other Misc Ambulatory Health Care Services	NorthStar Anesthesia PA	TPG Capital LP	-	US - NorthStar Anesthesia PA, a unit of TPG Growth LLC, acquired Square Waveform Anesthesiology PA, a Marshalltown-based provider of ambulatory health care services.

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HEALTHCARE

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/08/16	River Cities Anesthesia Inc	Offices Of Physicians (Except Mental Health Specialists)	NorthStar Anesthesia PA	TPG Capital LP	-	US - NorthStar Anesthesia PA, a unit of TPG Growth LLC, acquired River Cities Anesthesia Inc, a Huntington- based physician's office operator.
11/14/16	Travis Medical Sales Corp- Hospice Equipment Business	Home Health Care Services	Hospice Source	Transition Capital Partners	-	US - Hospice Source, a unit of Transition Capital Partners Ltd, acquired the hospice equipment business of Travis Medical Sales Corp, an Austin-based provider of durable medical equipment, disposable medical supplies, respiratory equipment, equipment repairs and hospice solutions.

HIGH TECHNOLOGY

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/17/16	Nuspire Corp	Computer Facilities Management Services	ABRY Partners LLC	ABRY Partners LLC	-	US - ABRY Partners LLC acquired Nuspire Corp, a Walled Lake-based provider of computer facilities management services, in a leveraged buyout transaction.
11/10/16	Analytics Media Group LLC	Pvd analytics svcs	Dolan Family Ventures LLC	Dolan Family Ventures LLC	-	US - Dolan Family Ventures LLC acquired Analytics Media Group LLC, a New York-based provider of audience measurement and analytics services, in a leveraged buyout transaction.
11/08/16	Prometheus Group LLC	Dvlp enterprise software	Francisco Partners LP	Francisco Partners LP	-	US - Francisco Partners LP acquired an undisclosed majority interest in Prometheus Group LLC, a Raleigh-based software publisher, in a leveraged buyout transaction.
11/15/16	Ardent Support Technologies LLC	All Other Business Support Services	Park Place Technologies Inc	GTCR LLC	-	FLASH: US - Park Place Technologies Inc, a unit of GTCR LLC, acquired Ardent Support Technologies LLC, a Dover-based provider of business support services.
11/17/16	CLINapps Inc	Software Publishers	Bracket	Parthenon Capital Partners	-	US - Bracket, a unit of Parthenon Capital Partners, acquired CLINapps Inc, a San Diego-based provider of software development and consultation services.
11/17/16	Seapine Software Inc	Dvlp defect mgmt software	Perforce Software Inc	Summit Partners LP	-	FLASH: US - Perforce Software Inc, a unit of Summit Partners LP, acquired Seapine Software Inc, a Mason-based software publisher.

INDUSTRIALS

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/15/16	MEI Group LLC	Other Heavy and Civil Engineering Construction	Brown & Root Industrial Services LLC	Bernhard Capital Partners Mgmt	-	US - Brown & Root Industrial Services LLC, jointly owned by KBR Inc and Bernhard Capital Partners Management LP, acquired MEI Group LLC, a White Castle-based provider of construction related services. Terms were not disclosed.
11/16/16	BigMouth Inc	All Other Miscellaneous Manufacturing	CID Capital	CID Capital	-	US - CID Capital acquired BigMouth Inc, a Glastonbury- based manufacturer and wholesaler of miscellaneous products, in a leveraged buyout transaction.
11/18/16	Accuride Corp	Mnfr,whl vehicle components	Crestview Partners LP	Crestview Partners LP	412.19	US - Crestview Partners LP acquired the entire share capital of Accuride Corp, an Evansville-based manufacturer and wholesaler of automotive parts of engine parts, from Cetus Capital LLC(17%) and other shareholders, for USD 2. 58 in cash or a total value of USD 124.475 mil, in a leveraged buyout transaction.
11/18/16	Trans-Mate LLC	All Other Motor Vehicle Parts Manufacturing	Niteo Products LLC	Highlander Partners LP	-	FLASH: US - Niteo Products LLC, a unit of Highlander Partners LP, acquired Trans- Mate LLC, a North Billerica- based manufacturer of motor vehicle parts.

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INDUSTRIALS

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/18/16	Fender Gripper Inc	Rubber and Plastics Hoses and Belting Manufacturing	Huron Capital Partners LLC	Huron Capital Partners LLC	-	FLASH: US - Huron Capital Partners LLC acquired Fender Gripper Inc, a Tyler-based manufacturer of hoses and belting.
11/17/16	South Coast Concrete Pumping Ltd	Pump and Pumping Equipment Manufacturing	Brundage-Bone Concrete Pumping Inc	Peninsula Pacific Strategic Pa	-	FLASH: UK - Brundage-Bone Concrete Pumping Inc of the US, a unit of Peninsula Pacific Strategic Partners LLC, acquired South Coast Concrete Pumping Ltd, a Hampshire-based manufacturer of pumps and pumping equipment. Concurrently, Brundage-Bone Concrete Pumping Inc of the US, a unit of Peninsula Pacific Strategic Partners LLC, acquired Camfaud Concrete Pumps Ltd, an Essex-based commercial building constructor and Premier Concrete Pumping Ltd, manufacturer of pumps and pumping equipment.
11/17/16	Premier Concrete Pumping Ltd	Pump and Pumping Equipment Manufacturing	Brundage-Bone Concrete Pumping Inc	Peninsula Pacific Strategic Pa	-	FLASH: UK - Brundage-Bone Concrete Pumping Inc of the US, a unit of Peninsula Pacific Strategic Partners LLC, acquired Premier Concrete Pumping Ltd, manufacturer of pumps and pumping equipment. Concurrently, Brundage-Bone Concrete Pumping Inc of the US, a unit of Peninsula Pacific Strategic Partners LLC, acquired Camfaud Concrete Pumps Ltd, an Essex-based commercial building constructor and South Coast Concrete Pumping Ltd, a Hampshire-based manufacturer of pumps and pumping equipment.
11/17/16	Camfaud Concrete Pumps Ltd	Commercial and Institutional Building Construction	Brundage-Bone Concrete Pumping Inc	Peninsula Pacific Strategic Pa	-	FLASH: UK - Brundage-Bone Concrete Pumping Inc of the US, a unit of Peninsula Pacific Strategic Partners LLC, acquired Camfaud Concrete Pumps Ltd, an Essex-based commercial building constructor. Concurrently, Brundage-Bone Concrete Pumping Inc of the US, a unit of Peninsula Pacific Strategic Partners LLC, acquired Premier Concrete Pumping Ltd, manufacturer of pumps and pumping equipment. And also South Coast Concrete Pumping Ltd, a Hampshire-based manufacturer of pumps and pumping equipment.

MATERIALS

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/09/16	Bruni Glass SpA	Mnfr, design glass containers	Berlin Packaging LLC	Oak Hill Capital Partners LP	-	ITALY - Berlin Packaging LLC of the US, a unit of Oak Hill Capital Partners LP, acquired a 70% interest in Bruni Glass SpA, a Trezzano-based manufacturer of glass containers, from Ardian SA.

MEDIA AND ENTERTAINMENT

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/10/16	inVentiv Health Inc	Pvd sales,marketing services	Advent International Corp	Advent International Corp	-	US - Advent International Corp (Advent) acquired a 50% interest in inVentiv Health Inc (inVentive), a Burlington-based provider outsourced sales and marketing services, from Thomas H Lee Partners LP, ultimately owned by Thomas H Lee Co, in a leveraged buyout transaction. Originally, Advent planned to acquire a 50% interest in inVentive.
11/16/16	FineLine Technologies Inc	Pvd barcode ticketing soln	Summit Partners LP	Summit Partners LP	-	US - Summit Partners LP acquired an undisclosed majority interest in FineLine Technologies Inc, a Norcross-based provider of barcode ticketing solutions, in a leveraged buyout transaction.

MARKET INTELLIGENCE

REAL ESTATE

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/10/16	Hines Real Estate Investment Trust Inc-West Coast Assets	Lessors Of Nonresidential Buildings (Except Miniwarehouses)	BRE Hydra Property Owner LLC	Blackstone Group LP	1162	US - BRE Hydra Property Owner LLC, a unit of Blackstone Real Estate Partners VIII LP, ultimately-owned by Blackstone Group LP, acquired west coast assets of Hines Real Estate Investment Trust Inc, a Houston-based lessor of real estate property, for USD 1.162 bil in cash.
11/19/16	Single-tenant net lease retail properties(24)	Lessors Of Nonresidential Buildings (Except Miniwarehouses)	Capview Partners LLC	Capview Partners LLC	-	FLASH: US - Capview Partners LLC acquired Single-tenant net lease retail properties(24), lessor of nonresidential buildings, in a leveraged buyout transaction.
11/15/16	Danske Bank A/S-Mixed Use Portfolio(76)	Lessors Of Nonresidential Buildings (Except Miniwarehouses)	HIG Capital LLC	HIG Capital LLC	-	DENMARK - HIG Capital LLC of the US acquired mixed use portfolio of Danske Bank A/S, a Copenhagen-based commercial bank, in a leveraged buyout transaction. Terms were not disclosed.
11/16/16	American Campus Communities Inc-Student Housing Properties(19)	Lessors Of Residential Buildings and Dwellings	Investor Group	Investor Group	508	US - An investor group, comprised of Campus Advantage Inc and Saban Capital Group Inc acquired 19 student housing properties of American Campus Communities Inc, an Austin-based lessor of real estate property, for a total USD 508 mil.
11/15/16	Springfield Apartments	Own,op apartment bldg	Investor Group	Investor Group	-	US - Springfield Apartments, a special purpose acquisition vehicle formed by Admiral Capital Group and McCann Realty Partners LLC, acquired Springfield Apartments, a Durham-based lessor of residential buildings and dwellings, from Triple Net Properties LLC, owned by NNN Realty Advisors Inc, upon a formation of a joint venture, in a leveraged buyout transaction.
11/19/16	Brookfield Asset Management Inc-North San Jose Office Park	Own,operate office building	Westbrook Partners LLC	Westbrook Partners LLC	95	US - Westbrook Partners LLC acquired North San Jose office park of Brookfield Asset Management Inc, a Toronto-based provider of asset management services, for a total USD 95 mil, in a leveraged buyout transaction.

RETAIL

Date Effective/ Unconditional	Target Name	Target Short Business Description	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/18/16	BUT International SAS	Ret furniture	Mobilux 2 SASU	Clayton Dubilier & Rice LP	-	FRANCE - Mobilux 2 SASU, an SPV jointly owned by Clayton Dubilier & Rice LLC (50%) and WM Holding GmbH (50%), a unit of XXXLutz KG, acquired BUT International SAS, an Emerainville-based furniture store operator, from Decomeubles Partners SAS. The terms of the transaction were not disclosed, but according to sources close to the transaction, the value was estimated at EUR 600 mil (USD 691.643 mil). Originally, in March 2008, Decomeubles Partners SAS, an SPV formed by Colony Capital LLC, Goldman Sachs Group Inc and Merchant Equity Partners LLP acquired BUT International, from Kesa Electricals PLC and in April 2012 Decomeubles Partners SAS was rumored to be seeking a buyer for its BUT International SAS unit. Lutz, CD&R, Oaktree and LBO France are named potential bidders.
11/10/16	Mercer Foods LLC	Fruit and Vegetable Markets	Graham Partners Inc	The Graham Group	-	US - Graham Partners Inc, a unit of The Graham Group, acquired Mercer Foods LLC, a Modesto-based manufacturer of dried and dehydrated foods, from Frontenac Co and Lake Pacific Partners LLC, in a leveraged buyout transaction.

MARKET INTELLIGENCE

RECENT TRANSACTIONS

Non-Control Deals, U.S. Sponsors (November 8, 2016 - November 21, 2016)**CONSUMER STAPLES**

Rank Date	Target Name	Target Short Business Description	Target Advisers	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/21/16	Dori Alimentos S/A	Other Snack Food Manufacturing	-	ACON Latin America Opportunities Fund IV LP	TPG Capital LP	-	FLASH: BRAZIL - ACON Latin America Opportunities Fund IV LP of the US, a unit of ACON Investments LLC, acquired an undisclosed minority stake in Dori Alimentos S/A, a Sao Paulo-based manufacturer and wholesaler of snack products, in a leveraged buyout transaction.

ENERGY AND POWER

Rank Date	Target Name	Target Short Business Description	Target Advisers	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/11/16	Red Rocks Energy Partners LP	Crude Petroleum and Natural Gas Extraction	-	Fortress Investment Group LLC	Fortress Investment Group LLC	-	US - Fortress Investment Group LLC acquired an undisclosed minority stake in Red Rocks Energy Partners LP, producer of crude petroleum and natural gas, in a privately negotiated transaction.

FINANCIALS

Rank Date	Target Name	Target Short Business Description	Target Advisers	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/18/16	KPS Capital Partners LP	Private equity firm	-	Dyal Capital Partners III	Neuberger Berman Group LLC	-	FLASH: US - Dyal Capital Partners III, a unit of Dyal Capital Partners LP, acquired a 20% stake in KPS Capital Partners LP, a New York-based financial sponsor.

HEALTHCARE

Rank Date	Target Name	Target Short Business Description	Target Advisers	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/15/16	Athletico Physical Therapy	Offices Of Physicians (Except Mental Health Specialists)	Jefferies & Co Inc	BDT Capital Partners LLC	BDT & Co LLC	-	US - BDT Capital Partners LLC, a unit of BDT & Co LLC, planned to acquire an undisclosed minority stake in Athletico Physical Therapy, an Oak Brook-based provider of orthopedic rehabilitation services.
11/11/16	JITSUBO Co Ltd	Pharmaceutical Preparation Manufacturing	Growin Partners Inc	Investor Group	Investor Group	23.43	JAPAN - An investor group, comprised of Hibiki Life Science 1 Go Toshi Jigyo Yugen Sekinin Kumiai, a unit of HIBIKI Partners Co Ltd, MSIVC Global Academic Seeds Toshi Jigyo Yugen Sekinin Kumiai, a unit of MITSUI SUMITOMO INSURANCE Venture Capital Co Ltd, WIL Fund I LP, a unit of WIL LLC, SMBC Venture Capital 2 Go Toshi Jigyo Yugen Sekinin Kumiai, a unit of SMBC Venture Capital Co Ltd, Shinsei Corporate Investment Ltd, a unit of Shinsei Bank Ltd, Sosei Group Corp and UMI 1 Go Toshi Jigyo Yugen Sekinin Kumiai acquired an undisclosed minority stake in JITSUBO Co Ltd, a Koganei- Shi, Tokyo-based manufacturer of pharmaceutical preparation, a unit of Sosei Group Corp, for a total JPY 2.5 bil (USD 23.43 mil), in a privately negotiated transaction.

MARKET INTELLIGENCE

HIGH TECHNOLOGY

Rank Date	Target Name	Target Short Business Description	Target Advisers	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/16/16	Infor Inc	Software Publishers	Morgan Stanley Bank of America Merrill Lynch Credit Suisse Group	Koch Equity Development LLC	Koch Industries Inc	2000	US - Koch Equity Development LLC, a unit of Koch Industries Inc, definitively agreed to acquire an undisclosed minority stake in Infor Inc (Infor), a New York- based business software developer, from Golden Gate Capital, for an estimated USD 2 bil, in a privately negotiated transaction. Originally, in September 2016, Infor, announced that it was seeking a buyer for an undisclosed minority stake in the company.
11/08/16	1&1 Internet SE-Business Applications Division	Develop mobile apps software	-	WP XII Venture Holdings Sarl	Warburg Pincus LLC	497.237	GERMANY - WP XII Venture Holdings Sarl of Luxembourg, a unit of Warburg Pincus LLC, agreed to acquire a 33.33% ownership interest in business applications division of 1&1 Internet SE, a Montabaur-based internet service provider, ultimately owned by United Internet AG, for an estimated EUR 450 mil (USD 497.237 mil), in a privately negotiated transaction.

RETAIL

Rank Date	Target Name	Target Short Business Description	Target Advisers	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/21/16	Pacifica Beauty LLC	Cosmetics, Beauty Supplies, and Perfume Stores	-	Alliance Consumer Growth LLC	Alliance Consumer Growth LLC	-	FLASH: US - Alliance Consumer Growth LLC acquired an undisclosed minority stake in Pacifica Beauty LLC, a Portland-based cosmetics retailer.
11/17/16	PT Map Boga Adiperkasa	Full-Service Restaurants	-	General Atlantic LLC	General Atlantic LLC	81	INDONESIA - General Atlantic LLC of the US acquired an undisclosed convertible bonds, which are convertible into shares, in PT Map Boga Adiperkasa, full-service restaurant operator, a unit of Mitra Adiperkasa Tbk PT, owned by Satya Mulia Gema Gemilang PT, for a total consideration of IDR 1080 bil (USD 81 mil), in a privately negotiated transaction.
11/21/16	Select Food Products Inc	All Other Specialty Food Stores	-	Generation Growth Capital Fund III LP	Generation Growth Capital	-	FLASH: US - Generation Growth Capital Fund III LP acquired an undisclosed minority stake in Select Food Products Inc, a Plymouth-based specialty food retailer.
11/08/16	Centurion Automotive Products Inc	Automotive Parts and Accessories Stores	-	Vanguard Dealer Services LLC	Southfield Capital Advisors	-	US - Vanguard Dealer Services LLC, a unit of Southfield Capital Advisors LLC, acquired an undisclosed minority stake in Centurion Automotive Products Inc, a Syracuse-based automotive parts and accessories retailer, in a privately negotiated transaction.

TELECOMMUNICATIONS

Rank Date	Target Name	Target Short Business Description	Target Advisers	Acquiror Full Name	Acquiror Ultimate Parent	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/18/16	Sigfox SA	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	Lazard Goldman Sachs & Co Callisto	Investor Group	Investor Group	159.439	FRANCE - An investor group, comprised of Idinvest Partners SA, Alto Invest SA, Tamer Group, Henri Seydoux, Elliott Management Corp, Ixo Private Equity SAS, Intel Capital Corp, a unit of Intel Corp, Bpifrance SA, jointly owned by the French state- owned Caisse des Depots et Consignations and the French state-owned BPI Groupe EPIC, Salesforce.com Inc, Swen Capital Partners SA, Total SA and Air Liquide Venture Capital acquired an undisclosed minority stake in Sigfox SA, a Labege-based manufacturer of wireless communications equipment, for a total EUR 150 mil (USD 159. 439 mil), in a privately negotiated transaction.

MARKET INTELLIGENCE

EXITS

U.S. Sponsor Sales Via M&A (November 8, 2016 - November 21, 2016)**CONSUMER PRODUCTS AND SERVICES**

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/16/2016	Northland Group Inc	Mason Wells Inc	Radius Global Solutions LLC	-	FLASH: US - Radius Global Solutions LLC acquired the entire share capital of Northland Group Inc, an Edina- based collection agency, from Mason Wells Buyout Fund II LP, ultimately owned by Mason Wells Inc.

CONSUMER STAPLES

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/21/2016	Stanton Carpet Corp	Norwest Equity Partners	Quad-C Management Inc	-	FLASH : US - Quad-C Management Inc acquired Stanton Carpet Corp, a Syosset-based carpet and rug mill operator, from Norwest Equity Partners.
11/14/2016	Optima Srl	Riverside Co	Charterhouse Capital Partners LLP	-	ITALY - Charterhouse Capital Partners LLP of the UK, a unit of Watling Street Capital Partners LLP, acquired the entire share capital of Optima Srl, a San Clemente-based manufacturer of ice creams ingredients and pastry products, from Riverside Co, in a leveraged buyout transaction. The terms of the transaction were not disclosed, but according to sources close to the transaction, the value was estimated at EUR 400 mil (USD 433.651 mil).

ENERGY AND POWER

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/16/2016	Admiral Petroleum Co	Sun Capital Partners Inc	GPM Investments LLC	-	US - GPM Investments LLC (GPM) , a unit of Petro Group Ltd, acquired Admiral Petroleum Co, a Coopersville-based owner and operator of gasoline stations and convenience stores, from Sun Capital Partners Inc. Concurrently, GPM acquired Lemmen Oil Co. Terms were not disclosed.
11/16/2016	Lemmen Oil Co	Sun Capital Partners Inc	GPM Investments LLC	-	US - GPM Investments LLC (GPM) , a unit of Petro Group Ltd, acquired Lemmen Oil Co, a Coopersville-based petroleum bulk merchant wholesaler, from Sun Capital Partners Inc. Concurrently, GPM acquired Admiral Petroleum Co. Terms were not disclosed.

FINANCIALS

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/08/2016	CHS Private Equity V LP	CHS Capital LLC	AEA Investors Fund V-B LP	-	US - AEA Investors Fund V-B LP, a unit of AEA Investors LP, acquired CHS Private Equity V LP, a Chicago-based buyout fund from CHS Capital LLC.
11/18/2016	KPS Capital Partners LP	KPS Capital Partners LP	Dyal Capital Partners III	-	FLASH: US - Dyal Capital Partners III, a unit of Dyal Capital Partners LP, acquired a 20% stake in KPS Capital Partners LP, a New York-based financial sponsor.

HEALTHCARE

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/17/2016	Starting Point of Darlington, Starting Point of Florence	Revelstoke Capital Partners	Crossroads Holding LLC	-	US - Crossroads Holding LLC, a unit of Revelstoke Capital Partners LLC, acquired Starting Point of Darlington LLC and Starting Point of Florence Inc, owners and operators of substance abuse centers.

MARKET INTELLIGENCE

HIGH TECHNOLOGY

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/16/2016	The Radiant Group	Aston Capital LLC	DigitalGlobe Inc	140.000	US - DigitalGlobe Inc acquired The Radiant Group, a Chantilly-based provider of technology, tradecraft, and analytics support services, from Aston Capital LLC, for a total USD 140 mil in cash.

INDUSTRIALS

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/08/2016	SafeWorks LLC	Evergreen Pacific Partners LLC	Safway Group Holding LLC	-	US - Safway Group Holding LLC, a unit of Badger Holding Corp(Adelphia Communications), acquired SafeWorks LLC, a Seattle-based manufacturer and distributor of powered suspended scaffolding products for construction, restoration and maintenance industries, from Evergreen Pacific Partners LLC.

MATERIALS

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/09/2016	Halex Corp	American Capital Ltd	GCP Applied Technologies Inc	47.000	US - GCP Applied Technologies Inc acquired Halex Corp, an Ontario-based manufacturer and wholesaler of flooring installation products, from American Capital Strategies Ltd, ultimately owned by American Capital Ltd, for a total USD 47 mil.
11/14/2016	Koroseal Interior Products LLC	Peak Rock Capital LLC	Sangetsu Co Ltd	134.000	US - Sangetsu Co Ltd of Japan acquired the entire share capital of Koroseal Interior Products LLC, a Fairlawn- based manufacturer and wholesaler of plastics materials, for a total USD 134 mil.

MEDIA AND ENTERTAINMENT

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/15/2016	The Carlyle Group- Properties(3)	The Carlyle Group LP	TSH Amstel OpCo BV	-	NETHERLANDS - TSH Amstel OpCo BV acquired an 85% ownership interest in 3 properties of The Carlyle Group, a Washington-based financial sponsor.
11/10/2016	inVentiv Health Inc	Thomas H Lee Co	Advent International Corp	-	US - Advent International Corp (Advent) acquired a 50% interest in inVentiv Health Inc (inVentive), a Burlington- based provider outsourced sales and marketing services, from Thomas H Lee Partners LP, ultimately owned by Thomas H Lee Co, in a leveraged buyout transaction. Originally, Advent planned to acquire a 50% interest in inVentive.

REAL ESTATE

Date Effective	Target Name	Target Ultimate Parent	Acquiror Full Name	Ranking Value inc. Net Debt of Target (\$Mil)	Synopsis
11/10/2016	Lone Star Funds- Adequa Office Complex	Lone Star Funds	Merlin Properties SOCIMI SA	426.392	SPAIN - Merlin Properties SOCIMI SA, a unit of MAGIC Real Estate SL, acquired Adequa office complex of Lone Star Funds, a Dallas-based financial sponsor, for EUR 380 mil (USD 426.392 mil). Originally, in May 2016, Lone Star Funds said that it was seeking a buyer for it's Adequa office complex.