

Document Security Systems, Inc.

(NYSE AMERICAN: DSS)



COMPANY OVERVIEW

For over 16 years, Document Security Systems, Inc. ("DSS") has protected corporations, financial institutions, and governments from sophisticated and costly fraud. DSS' innovative anti-counterfeit, authentication, and brand protection solutions are deployed to prevent attacks which threaten products, digital presence, financial instruments, and identification. AuthentiGuard®, the company's flagship product, provides authentication capability through a smartphone application so businesses can empower a wide range of employees, supply chain personnel, and consumers to track their brands and verify authenticity.



Economist.com

- **\$461.0 billion** - Estimated value of fake and counterfeit goods sold globally¹
- **\$200.0 billion** - Value of counterfeit drug market annually²
- **1,000,000+** - Number of people globally that die each year from counterfeit drugs³
- **\$107.26 billion to \$206.57 billion** - the projected growth of the *Anti-Counterfeiting Packaging Market* from 2016 to 2021⁴
- **4.2 million - 5.4 million** - Net global job losses projected caused by counterfeiting and piracy
- **\$500.00** - Cost to purchase fake MBA degree on-line

DSS DIGITAL SOLUTIONS FOR COUNTERFEIT PREVENTION AND BRAND PROTECTION

PROTECT



DSS' anti-counterfeit technologies prevent documents, packaging and plastics, such as ID cards, from being copied in the first place.

VERIFY



DSS' authentication technologies add a level of proof to your goods and materials so they can be verified as genuine.

TRACK



Diversion protection technologies provide unique track and trace functions combined with two factor authentication and can be used in conjunction with existing barcode technologies.

DSS CORE TECHNOLOGIES

PHYSICAL SECURITY AND BRAND PROTECTION SOLUTIONS

PRISM™ Phantom™ Pantograph 4000™
VeriGlow™ Survivor 21™ Microperf™

DIGITAL SECURITY AND BRAND PROTECTION SOLUTIONS

AuthentiGuard™ AuthentiChain™

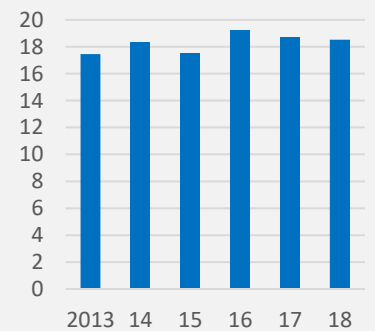


Selected Financials and Facts

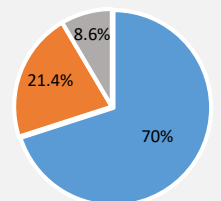
Stock Price (8/1/19)	\$0.42
52 Week Low-High	\$0.34 - \$1.99
Avg. Daily Vol. (3 mo.)	419,135
Shares Outstanding	29.2 million
Est. Public Float (est.)	24.2 million
Insider Holdings	27.63%
Institutional Holdings	3.22%
Market Cap. (8/1/19)	\$12.6 million
FY18 Revenue	\$18.5 million
Adj. EBITDA (3/31/19)	\$(94,000)
Cash (3/31/19)	\$1.33 million
Total Assets (3/1/19)	\$16.1 million
Total ST/LT Debt (3/31/19)	\$6.79 million
Employees	90
Date Founded	1984

Annual Net Revenue

\$ Millions



2018 Revenue Mix



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Web: www.dsssecure.com

DSS DIVISIONS

Packaging and Printing Group

Produces custom paperboard packaging serving clients in the pharmaceutical, beverage, photo packaging, toy, specialty foods and direct marketing industries, among others, with a wide array of *secure* printed materials such as security paper, vital records, prescription paper, birth certificates, receipts, manuals, identification materials, entertainment tickets, secure coupons, parts tracking forms, brochures, direct mailing pieces, catalogs, business cards, etc.

Plastics Group

Utilizing DSS core anti-fraud technologies, DSSPG's expertise includes security printing, plastic card manufacturing, Enhanced Tribal Cards, RFID products, SwiftColor InkJet Plastic Cards, Secure Card Designs and Polycarbonate card production, and has been providing innovative and secure solutions for businesses worldwide for over 40 years. Their vast experience and knowledge has made them a leader in the plastic card industry, and has resulted in an impressive client list consisting of numerous governmental agencies, and some of the most well-respected brands in the world; including social media giants, global technology firms, and U.S. professional sports organizations and events.

Digital Technology Group

Develops and markets AuthentiGuard®, the Company's flagship product, which provides authentication capability through a smartphone application so businesses can empower a wide range of employees, supply chain personnel, and consumers to track their brands and verify authenticity. This mobile phone-based application integrates several DSS traditional optical deterrent technologies into proprietary digital data security-based solutions delivered via the "cloud" for brand protection and product diversion prevention, from guarding emails to verifying consumer product labels to authenticating websites. This division also acquires and internally develops patented technology or intellectual property assets with the purpose of monetizing these assets through a variety of value-enhancing initiatives, including, but not limited to, investments in the development and commercialization of patented technologies, licensing, strategic partnerships and commercial litigation.

FINANCIAL HIGHLIGHTS YEAR END DECEMBER 31, 2018

	Twelve Months Ended December 31, 2018	Twelve Months Ended December 31, 2017	% Change		Summary Balance Sheet as of	
					December 31, 2018	December 31, 2017
Total Revenue	\$ 18,515,000	\$ 18,662,000	-1%	Cash	\$ 2,317,659	\$ 3,051,593
Total Expenses	\$ 20,224,000	\$ 18,888,000	-5%	Current Assets	\$ 6,515,035	\$ 6,750,565
Oper. Income (loss)	\$ (1,709,000)	\$ (226,000)	-66%	Total Assets	\$ 15,279,786	\$ 15,142,447
Adjusted EBITDA ⁵	\$ 3,238,000	\$ 1,403,000	+32%	Current Liabilities	\$ 5,423,206	\$ 5,139,293
Net Income/Loss	\$ 1,465,000	\$ (578,000)	-39%	Long-Term Debt	\$ 1,721,936	\$ 1,640,621
Income (Loss) P/S	\$ 0.09	\$ (0.04)	-43%	Total Liabilities & Stockholders' Equity	\$ 15,279,786	\$ 17,430,777
Shares Outstanding	17,425,858	14,424,344	+10%			



DSS EXECUTIVE LEADERSHIP

FRANK HEUSZEL, *Chief Executive Officer*
VINCENT LUM, *President of DSS Asia Ltd*
JASON GRADY, *Chief Operating Officer*
DAVID WICKER, *Vice President of Research and Development*
MICHAEL CATON, *Chief Tech. Officer, R&D Emerging Technologies*

DSS BOARD OF DIRECTORS

HENG FAI AMBROSE CHAN <i>Executive Chairman DSS Board CEO, Singapore eDevelopment</i>	STAN GRISHAM <i>Business Consultant</i>
FRANK HEUSZEL <i>DSS CEO</i>	LOWELL LO <i>Chairman BMI Intelligent Group</i>
DR. PAMELA AVALLONE <i>Attorney</i>	DANIEL DELGIORNO <i>CEO, Advanced Cyber Security Corp.</i>
BRETT SCOTT <i>CFO Neuroptics, Inc.</i>	SAMSON LEE <i>CEO, Coinstreet Partners</i>
JOHN "JT" HATCH <i>CEO Sharing Services Global Corporation</i>	JOSE' ESCUDERO <i>Management Consultant & Corporate Finance Advisor</i>
JOSEPH SANDERS <i>Investment Advisor Westpark Capital</i>	