

SECURITIES AND EXCHANGE COMMISSION

FORM 10-Q

Quarterly report pursuant to sections 13 or 15(d)

Filing Date: **1996-11-14** | Period of Report: **1996-09-30**  
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FILER

**OACIS HEALTHCARE HOLDINGS CORP**

CIK: **1011671** | IRS No.: **043229774** | State of Incorporation: **DE** | Fiscal Year End: **1231**  
Type: **10-Q** | Act: **34** | File No.: **333-02804-LA** | Film No.: **96663430**  
SIC: **7371** Computer programming services

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 10-Q

(Mark One)

Quarterly report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 For the quarterly period ended September 30, 1996.

or

Transition report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 For the transition period from to .

Commission File Number: 0-28170

OACIS HEALTHCARE HOLDINGS CORP.  
(Exact name of registrant as specified in its charter)

DELAWARE  
(State or other jurisdiction of  
incorporation or organization)

68-0012790  
(I.R.S. Employer  
Identification Number)

100 DRAKE'S LANDING RD., SUITE 100  
GREENBRAE, CA 94904  
(Address of principal executive offices, including zip code)

(415) 925-0121  
(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes  No

At November 11, 1996, there were 10,056,176 shares or the Registrant's Common Stock outstanding.

OACIS HEALTHCARE HOLDINGS CORP.  
QUARTERLY REPORT ON FORM 10-Q  
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PART I. FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

OACIS HEALTHCARE HOLDINGS CORP.

CONSOLIDATED BALANCE SHEETS  
(In thousands, except per share data)

<TABLE>  
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	DECEMBER 31, 1995	SEPTEMBER 30, 1996
	-----	-----
	<C>	(UNAUDITED) <C>
<S>		
ASSETS		
Current assets:		
Cash and cash equivalents	\$3,900	\$3,966
Short-term investments		20,801
	-	
Accounts receivable	5,105	6,345
Other current assets	327	282
	-----	-----
Total current assets	9,332	31,394
	-----	-----
Property and equipment, net	2,296	2,229
Other assets, net	250	411
	-----	-----
	\$11,878	\$34,034
	-----	-----

LIABILITIES AND STOCKHOLDERS' EQUITY

Current Liabilities:		
Accounts payable	\$1,725	\$1,403
Accrued expenses	2,652	4,683
Unearned revenues	3,251	2,304
	-----	-----
Total current liabilities	7,628	8,390
	-----	-----
Long-term obligations	3,000	528
	-----	-----
Stockholders' equity:		
Series A Preferred Stock, \$0.01 par value; 3,862,000 shares authorized; 3,838,000 and 0 shares issued and outstanding	38	-
Series B Preferred Stock, \$0.01 par value; 6,538,000 shares authorized; 6,229,000 and 0 shares issued and outstanding	62	-
Common Stock, \$0.01 par value; 30,000,000 shares authorized; 1,732,000 and 10,011,000 shares issued and outstanding	17	100
Additional paid-in capital	18,631	47,562
Accumulated deficit	(17,298)	(22,383)
Deferred stock compensation	(200)	(163)
	-----	-----
Total stockholders' equity	1,250	25,116
	-----	-----
	\$11,878	\$34,034
	=====	=====

</TABLE>

THE ACCOMPANYING NOTES ARE AN INTEGRAL PART OF  
THE CONSOLIDATED FINANCIAL STATEMENTS.

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OACIS HEALTHCARE HOLDINGS CORP.

CONSOLIDATED STATEMENT OF OPERATIONS  
(In thousands, except share data)  
(unaudited)

	THREE MONTHS ENDED		NINE MONTHS ENDED	
	SEPTEMBER 30,		SEPTEMBER, 30,	
	1995	1996	1995	1996
	----	----	----	----
<S>	<C>	<C>	<C>	<C>
Revenues:				
Software licenses	\$ 1,038	\$2,080	\$ 2,503	\$ 4,961
Installation and support services	1,917	1,524	4,530	4,752
Third party hardware and software	1,609	3,047	3,204	4,940
	-----	-----	-----	-----
Total revenues	4,564	6,651	10,237	14,653
	-----	-----	-----	-----
Cost of revenues:				
Software licenses	37	89	88	167
Installation and support services	1,383	1,486	3,996	4,175
Third party hardware and software	1,405	2,188	2,842	3,817
	-----	-----	-----	-----
Total cost of revenues	2,825	3,763	6,926	8,159
	-----	-----	-----	-----
Gross profit	1,739	2,888	3,311	6,494
	-----	-----	-----	-----
Operating expenses:				
Sales and marketing	1,056	1,344	2,963	4,180
Research and development	1,466	1,404	4,192	5,169

General and administrative	705	767	1,792	2,720
	---	---	----	-----
Total operating expenses	3,227	3,515	8,947	12,069
	-----	-----	-----	-----
Loss from operations	(1,488)	(627)	(5,636)	(5,575)
Interest expense, net	4	381	(115)	490
Net loss	\$ (1,484)	\$ (246)	\$ (5,751)	\$ (5,085)
	-----	-----	-----	-----
Pro forma:				
Net loss per common and common equivalent shares	\$ (0.19)	\$ (0.02)	\$ (0.77)	\$ (0.58)
	-----	-----	-----	-----
Weighted average number of common and common equivalent shares	7,667,243	10,008,542	7,503,131	8,789,384
	-----	-----	-----	-----

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THE ACCOMPANYING NOTES ARE AN INTEGRAL PART OF  
THE CONSOLIDATED FINANCIAL STATEMENTS.

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OACIS HEALTHCARE HOLDINGS CORP.  
CONSOLIDATED STATEMENTS OF CASH FLOWS  
(In thousands, unaudited)

<TABLE>  
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	NINE MONTHS ENDED SEPT. 30	
	1995	1996
	----	----
<S>	<C>	<C>
Cash flows from operating activities:		
Net loss	\$ (5,751)	\$ (5,085)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	1,128	909
Stock compensation expense	-	37
Acquired in-process research and development	-	700
Changes in assets and liabilities:		
Accounts receivable	(2,452)	(1,240)
Other current assets	(172)	45
Accounts payable	27	(322)
Accrued expenses	33	1,544
Unearned revenues	1,170	(947)
	-----	-----
Net cash used in operating activities	(6,017)	(4,359)
	-----	-----
Cash flows from investing activities:		
Purchases of short-term investments	-	(20,801)
Sale of short-term investments	-	-
Purchases of property and equipment	(528)	(463)
Capitalized software development costs	(275)	(206)
	-----	-----
Net cash used in investing activities	(803)	(21,470)
	-----	-----
Cash flows from financing activities:		
Net proceeds from common stock issuance	12,644	28,905
Proceeds from option exercises	-	9
Principal payment on notes payable	(1,735)	(4,000)
Proceeds from note payable	-	1,000
Payments under capital lease obligations	-	(19)

Net cash provided by financing activities	10,909	25,895
Increase in cash and cash equivalents	4,089	66
Cash and cash equivalents, beginning of period	201	3,900
Cash and cash equivalents, end of period	\$ 4,290	\$ 3,966
Supplemental disclosure:		
Cash paid for interest	\$ 193	\$ 139
Capital equipment lease additions	\$ -	\$ 334

</TABLE>

THE ACCOMPANYING NOTES ARE AN INTEGRAL PART OF  
THE CONSOLIDATED FINANCIAL STATEMENTS.

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OACIS HEALTHCARE HOLDINGS CORP.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
(IN THOUSANDS, EXCEPT SHARE DATA)

1. BASIS OF PRESENTATION

The financial statements included herein for Oacis Healthcare Holdings Corp. (the "Company") have been prepared by the Company, without audit, pursuant to the rules and regulations of the Securities and Exchange Commission. In management's opinion, the interim financial data presented includes all adjustments (which include only normal and recurring adjustments) necessary for a fair presentation. Certain information and footnote disclosures normally included in the financial statements prepared in accordance with generally accepted accounting principles have been condensed or omitted pursuant to such rules and regulations. However, the Company believes that the disclosures are adequate to understand the information presented. The results of operations for the three months and the nine months ended September 30, 1996 are not necessarily indicative of the operating results expected for the entire year. The financial statements included herein should be read in conjunction with the Company's audited financial statements for the year ended December 31, 1995, included in the Company's Registration Statement on Form SB-2 (No. 333-02804-LA) filed with the Securities and Exchange Commission.

2. INITIAL PUBLIC OFFERING

On May 16, 1996, the Company completed an initial public offering in which it sold 3,220,000 shares of Common Stock at \$10.00 per share. Upon the closing of this offering, all of the Company's Preferred Stock converted to approximately 5,034,000 shares of Common Stock. After the offering, the Company's authorized capital consists of 5,000,000 shares of undesignated Preferred Stock and 30,000,000 authorized shares of Common Stock of which 10,056,176 shares are outstanding at November 11, 1996. A portion of the proceeds from this offering were used to repay substantially all of the Company's long-term obligations.

3. PRO FORMA NET LOSS PER SHARE

Pro forma net loss per share is computed using the weighted average number of common and common equivalent shares outstanding during the period. In the period subsequent to the effective date of the Company's initial public offering, common equivalent shares consisting of stock options and stock warrants are antidilutive and have been excluded from the weighted average

share computation. Common equivalent shares for the period before the effective date of the Company's initial public offering consist of convertible preferred stock (using the if-converted method), and stock options and warrants (using the treasury stock method), even though their effect is antidilutive, pursuant to a Securities and Exchange Commission Staff Accounting Bulletin.

#### 4. STOCK BASED COMPENSATION

In October 1995, the Financial Accounting Standards Board issued Statement of Financial Accounting Standards No. 123 "Accounting for Stock Based Compensation" ("SFAS 123"). The Company will be required to adopt SFAS 123 in the year ending December 31, 1996. It is the Company's intention to continue to account for employee stock options in accordance with Accounting Principles Bulletin No. 25 "Accounting for Stock Issued to Employees" ("APB 25") and to adopt the "disclosure only" alternative allowed by SFAS 123.

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## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

### OVERVIEW

#### Background

Oacis Healthcare Holdings Corp., through its wholly owned subsidiary Oacis Healthcare Systems, Inc. (collectively the "Company"), develops, markets, licenses, installs, and supports clinical information systems primarily for major medical centers, hospitals, integrated health care networks and community based health care networks. In 1986, the Company introduced StatLAN, the initial version of the Company's clinical information system. In 1994, the Company introduced Oacis. Oacis is comprised of the Oacis Healthcare Network, which includes an interface engine and a clinical data repository, and Clinical Care applications, which facilitate the input and delivery of information at the point of care.

Substantially all of the Company's revenues are currently derived from licenses of Oacis. Therefore, any significant reduction in licensing of Oacis could have a material adverse effect on the Company's business, financial condition and results of operations. In addition, the Company intends to focus its sales and marketing efforts on Integrated Delivery Systems ("IDSs"), which are a relatively new type of organization and which currently account for a small portion of the overall market for clinical information systems. There can be no assurance that IDSs will continue to form or will invest in advanced clinical information systems of the nature offered by the Company. The Company's future success and financial performance also will depend in large part upon the Company's ability to provide the increasing system functionality required by its customers through the timely development and successful introduction of new applications and enhancements to Oacis. The Company has historically devoted significant resources to system enhancements and research and development and believes that significant continuing development efforts will be required to sustain the Company's operations. There can be no assurance that the Company will successfully develop, introduce and market new system enhancements or applications, or that system enhancements or new applications developed by the Company will meet the requirements of health care providers and achieve market acceptance. Further, the Company's systems are dependent upon a number of third-party computer hardware and software products, and include a number of embedded software products licensed from third parties. Failure of such third parties to maintain or enhance their products could impair the functionality of Oacis and could require the Company to obtain alternative products from other sources or to develop such software internally, either of which could involve costs and delays as well as diversion of engineering resources.

#### Revenue Recognition

The Company's revenues consist of license fees for the perpetual use of its software, installation revenues associated with installing and configuring the software to meet specific customer needs, revenues from the sale of third-party hardware and software, and ongoing support services. The price of an Oacis system varies depending on a number of factors, including the modules licensed, the volume of outpatient visits and inpatient days and the number of workstations from which the system may be accessed, and generally ranges from more than six hundred thousand dollars to a few million dollars. The Company resells third-party hardware and software pursuant to standard reseller agreements.

Revenues from contracts where Oacis is actively involved in the installation of the system, which are primarily in the United States and Canada, are recognized for software license fees and installation services on a percentage of completion basis measured by the ratio of (i) labor hours incurred to install and configure the system to (ii) total estimated labor hours. The Company generally bills its installation services as the services are provided. Software license fees are generally billed in accordance with installation milestones. Accordingly, revenues recognized in advance of achieving billing milestones are

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recorded as unbilled accounts receivable and collections resulting from billing milestones achieved in advance of recognizing revenues are recorded as unearned revenues on the consolidated balance sheet. If the total estimated cost of a contract is expected to exceed the contract price, determined primarily by the installation component of the contract, the total estimated loss is charged to expense in the period the loss is identified. Because the Company does not recognize revenues on a contract before the contract is signed, and because of the long sales and installation cycles associated with Oacis, the Company is unable to accurately predict the amount of revenues it expects to recognize from software licenses or system installations in any particular period.

Software license revenues from contracts where Oacis is not actively involved in the installation of the system, typically international contracts, are recognized as contract amounts become due and payable, typically on a milestone basis. Because Oacis is not actively involved in international installations, milestone attainment and consequently revenue recognition on these contracts may be delayed for reasons which include delays caused by the customer, or Oacis' international partner, both of which are beyond the control of Oacis.

The Company also recognizes revenues from support fees and sales of third-party hardware and software. Support agreements generally cover a one year period and the associated revenues are recognized ratably over the period of the support agreement. Third-party hardware and software revenues are recognized upon delivery of the related hardware and software. Third-party hardware and software are generally sold pursuant to a purchase order and are not governed by the terms of the software license and services agreement.

## RESULTS OF OPERATIONS

### THREE MONTHS ENDED SEPTEMBER 30, 1996 AND 1995

#### Revenues

In the three months ended September 30, 1996, total revenues increased 46% to \$6.7 million from \$4.6 million in the three months ended September 30, 1995. Of these amounts, software license fee revenues increased 100% to \$2.1 million, installation and support service revenues decreased 21% to \$1.5 million and third party hardware and software revenues increased 89% to \$3.0 million. The increase in software license fee revenue was due in part to the timing of recognition of software license fees from international contracts



which represented 22% of total software license fees during the quarter. The decrease in installation and support service revenues from the same quarter in 1995 was due to the third quarter 1995 having a larger than normal component of nontypical service activities. Additionally, during the 1996 quarter, service revenues were lower due to the impact of delays in closing new business, the hiring and training of new employees for the installation organization resulting in reduced billable hours during the quarter and a focus on methodology development for scheduled new product releases resulting in a diversion of resources to nonbillable activities. Third party hardware and software revenues increased due to the timing of hardware sales and an increase in the average size of such sales during the quarter. The increase in the average size of such transactions experienced during the quarter is not indicative of a general trend to higher average sales for such products.

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#### Cost of Revenues

Cost of revenues were \$3.8 million, or 57% of total revenues, in the three months ended September 30, 1996, compared to \$2.8 million, or 62% of total revenues, in the three months ended September 30, 1995. Cost of installation and support services increased 7% to \$1.5 million in the three months ended September 30, 1996 from \$1.4 million in the three months ended September 30, 1995 as a result of an increase in the number of service personnel and an increase in the average cost of such personnel during the quarter. Gross profit as a percentage of total revenues increased from 38% in the three months ended September 30, 1995 to 43% in the three months ended September 30, 1996 due to an increase in the margins on third party hardware and software products and an increase in the percentage of total revenue resulting from software license fee revenue. The gross profit on third party hardware and software increased to 28% in the three months ended September 30, 1996 from 13% in the three months ended September 30, 1995 due primarily to improved pricing programs from third party hardware and software vendors and the mix of third-party products sold. The Company anticipates that its hardware margins will decrease to historical levels in future quarters. Gross profit on installation and support services revenues decreased to 2% from 28% in the year earlier period as a result of reduced revenue from these services resulting from the impact of delays in closing new business, the hiring and training of new employees for the installation and a focus on methodology development for scheduled new product releases during the quarter.

#### Sales and Marketing

Sales and marketing expenses increased 27% to \$1.3 million in the three months ended September 30, 1996 from \$1.1 million in the three months ended September 30, 1995 and decreased as a percentage of total revenues to 20% in the three months ended September 30, 1996 from 23% in the three months ended September 30, 1995. The increase in sales and marketing expense was primarily the result of hiring related activities in both the sales and marketing functions and reflected an increased emphasis on infrastructure to support the increased activities of these departments. Additionally, commission expense increased during third quarter of 1996 due to an increase in the average selling price of the deals closed.

#### Research and Development

Research and development expenses, net of software capitalization decreased 4% to \$1.4 million in the three months ended September 30, 1996 compared to \$1.5 million in the three months ended September 30, 1995 and decreased as a percentage of total revenues to 21% in the three months ended September 30, 1996 from 32% in the three months ended September 30, 1995 due to growth in total revenue. The decrease is due to the capitalization of \$.13 million associated with the development of a component of Oacis after technological feasibility had been established representing 8% of total research and development expenditures during the quarter. There were no

software development costs capitalized during the third quarter of 1995. The Company anticipates an increase in the capitalization of software development costs in future periods.

#### General and Administrative

General and administrative expenses increased 9% to \$.8 million in the three months ended September 30, 1996 from \$.7 million in the three months ended September 30, 1995 but decreased as a percentage of revenue to 12% in the third quarter of 1996 from 15% in the third quarter of 1995. The increase in general and administrative expense was a result of an increase in personnel and other expenses as the Company continued to build corporate infrastructure, as well as costs associated with being a public company and its continuing investment in process improvement and strategic planning.

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NINE MONTHS ENDED SEPTEMBER 30, 1996 AND 1995

#### Revenues

In the nine months ended September 30, 1996, total revenues increased 43% to \$14.7 million from \$10.2 million in the nine months ended September 30, 1995. Of these amounts, software license fee revenues increased 98% to \$5.0 million, installation and support service revenues increased 5% to \$4.8 million and third party hardware and software revenue increased 54% to \$4.9 million. The increase in software license revenue is due to an increase in the number of installations in progress combined with an increase in the average contract value of those installations as well as an increase international software license fee revenue. Installation and support services revenues increased due to an increase in the number of installations in progress during the nine months ended September 30, 1996, and a generally higher level of productivity on those installations. Third party hardware and software revenues increased due to an increase in sales activity for third party products as well as an increase in the average sales price, primarily for third party hardware products.

#### Cost of Revenues

Cost of revenues were \$8.2 million, or 56% of total revenues, in the nine months ended September 30, 1996, compared to \$6.9 million, or 68% of total revenues, in the nine months ended September 30, 1995. Cost of installation and support services increased 4% to \$4.2 million in the nine months ended September 30, 1996 from \$4.0 million in the nine months ended September 30, 1995 as a result of an increase in personnel and an increase in the average cost of such personnel. Gross profit as a percentage of total revenues increased from 32% in the nine months ended September 30, 1995 to 44% in the nine months ended September 30, 1996 due to a shift in revenue mix to higher margin software license fee revenue as well as an increase in the margin on third party hardware and software products. During the nine months ended September 30, 1996, software license fee revenue represented 34% of total revenue as compared to 24% during the nine months ended September 30, 1995. Gross profit on third party hardware and software increased to 23% in the nine months ended September 30, 1996 from 11% in the nine months ended September 30, 1995 due primarily to improved pricing programs from third party hardware and software vendors and the mix of third-party products sold. Gross profit on installation and support services remained unchanged for the year to date period, primarily due to the impact of delays in closing new business, the hiring and training of new employees for the installation and a focus on methodology development for scheduled new product releases during the quarter.

#### Sales and Marketing

Sales and marketing expenses increased 41% to \$4.2 million in the nine

months ended September 30, 1996 from \$3.0 million in the nine months ended September 30, 1995 and remained consistent as a percentage of total revenues at 29% in the nine months ended September 30, 1996 compared to 29% in the nine months ended September 30, 1995. The increase in sales and marketing expense was a result of an increase in personnel, an increase in commission and bonus expenses resulting from increased sales activity, as well as the average selling price of deals closed, and an increase in consulting and advertising related expenses.

#### Research and Development

Research and development expenses increased 23% to \$5.2 million in the nine months ended September 30, 1996 from \$4.2 million in the nine months ended September 30, 1995 and decreased as a percentage of total revenues to 35% in the nine months ended September 30, 1996 from 41% in the nine

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months ended September 30, 1995. The increase in research and development expense was primarily attributable to the acquisition of certain technology during the nine months ended September 30, 1996 as described below, and the costs associated with the continuing development of that technology. During the nine months ended September 30, 1996, the Company acquired through a license, technology which forms the basis of Enterprise Member/Patient Index ("EMPI"), a component of the Oacis Healthcare Network. Because this technology had not reached technological feasibility when it was acquired, the \$700,000 license fee was charged to expense in the first quarter of 1996. Excluding the impact of the licensed technology, research and development expenses increased 7% in the nine months ended September 30, 1996 over the same period in 1995 as a result of generally higher expenditures for system development including the cost of performing the alpha testing on certain Oacis modules, primarily in the three months ended March 31, 1996. During the nine months ended September 30, 1996, the Company capitalized \$.21 million of direct costs associated with the development of a component of Oacis after technological feasibility had been established which represents 4% of year to date development expenditures. During the nine months ended September 30, 1995, the company capitalized \$.28 million of software development costs representing 7% of year to date development expenditures. The Company anticipates an increase in the capitalization of software development costs in future periods.

#### General and Administrative

General and administrative expenses increased 52% to \$2.7 million in the nine months ended September 30, 1996 from \$1.8 million in the nine months ended September 30, 1995 and increased as a percentage of total revenues to 19% in the nine months ended September 30, 1996 from 18% in the nine months ended September 30, 1995. The increase in general and administrative expense was a result of an increase in personnel, and increased corporate recruiting expenses as well as increased consulting expenses related in part to certain process improvement initiatives.

#### LIQUIDITY AND CAPITAL RESOURCES

At September 30, 1996 the Company's cash and cash equivalents and short-term investments totaled \$24.8 million as compared to cash and equivalents of \$3.9 million at December 31, 1995. The Company completed an initial public offering of 3,220,000 shares of common stock on May 16, 1996 at \$10.00 per share resulting in net proceeds to the Company of \$28.9 million. Subsequent to the closing of this offering, the Company repaid \$ 4.0 million in long-term obligations.

In April 1996, the Company entered into a master lease agreement with Comdisco, Inc. which enables the Company to finance the purchase of new equipment, or sell and lease back certain existing equipment, up to an aggregate of \$1.0 million. The lease term is 42 months from the date of

funding, and the annual interest rate is 8.5%. As of September 30, 1996, \$.3 million of new equipment was financed under this agreement.

In April 1996, the Company borrowed \$1.0 million pursuant to a Loan and Security Agreement with Comdisco, Inc. which was secured by all property and equipment of the Company. In June 1996, the Company repaid the outstanding principal balance of this loan with a portion of the proceeds of the initial public offering.

The Company's working capital and capital requirements will depend upon numerous factors including possible customer installation delays, lengthy sales cycles, the Company's plans for developing, acquiring or licensing new applications and technologies, the Company's requirements to purchase additional capital equipment and the level of resources that the Company devotes to its sales and marketing activities. The Company believes that its existing capital resources and available equipment lease financing arrangements will be adequate to fund its current operations for the foreseeable future.

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However, there can be no assurance that additional financing will be available at all or that, if available, such financing will be obtainable on terms favorable to the Company.

#### FACTORS AFFECTING OPERATING RESULTS

This quarterly report on Form 10Q contains forward-looking statements which involve risks and uncertainties. The Company's actual results could differ materially from those anticipated by such forward-looking statements as a result of certain factors including those set forth below.

**History of Operating Losses; Uncertain Profitability.** The Company incurred a net loss of \$9.3 million for the year ended December 31, 1995 and \$5.1 million for the nine months ended September 30, 1996, and, as of September 30, 1996, had an accumulated deficit of \$22.4 million. The Company has not achieved profitability on a quarterly or annual basis and the Company anticipates that it will incur a net loss for the current year. The Company's prior operating history, dependence on Oacis as its principal product, long sales and installation cycles, and dependence upon key personnel and third parties, as well as competition, uncertainty in and consolidation of the health care industry, and general economic and other factors make the prediction of future operating results difficult. There can be no assurance that any of the Company's business strategies will be successful or that the Company will be able to achieve consistent revenue growth or achieve profitability on a quarterly or annual basis.

**Dependence on Oacis and Emerging IDS Market; Market Acceptance; System Enhancements.** Substantially all of the Company's revenues are currently derived from licenses of Oacis. Therefore, any significant reduction in licensing of Oacis could have a material adverse effect on the Company's business, financial condition and results of operations. In addition, the Company intends to focus its sales and marketing efforts on IDSs, which are a relatively new type of organization and which currently account for a small portion of the overall market for clinical information systems. There can be no assurance that IDSs will continue to form or will invest in advanced clinical information systems of the nature offered by the Company. The Company's future success and financial performance also will depend in large part upon the Company's ability to provide the increasing system functionality required by its customers through the timely development and successful introduction of new applications and enhancements to Oacis. The Company has historically devoted significant resources to system enhancements and research and development and believes that significant continuing development efforts will be required to sustain the Company's operations. There can be no assurance that the Company will successfully develop, introduce and market new system enhancements or applications, or that system enhancements or new applications developed by the

Company will meet the requirements of health care providers and achieve market acceptance.

Long Sales and Installation Cycles. The sales cycle for large scale clinical information systems is lengthy. The Company's sales cycle is subject to delays associated with the lengthy approval process that typically accompanies significant capital expenditures, customer budgeting cycles and changes in customer budgets, changes or the anticipation of changes in the regulatory environment affecting healthcare organizations, changes in the customer's strategic information system initiatives, competing information systems projects within the customer organization, consolidation in the health care industry in general, the highly sophisticated nature of the Company's products and competition in the market for clinical information systems. Additionally, during the sales process, the Company expends substantial time, effort and funds preparing a contract proposal, demonstrating the system, arranging visits to customer reference sites and negotiating the contract. For these and other reasons, the Company's sales cycle is lengthy and the Company does not have the ability to predict when or if the sales process with a prospective customer will result in a signed contract.

The time required to install the Company's systems can vary significantly depending on the needs and skill sets of its customers. Installation of an Oacis system typically requires nine to 18 months,

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depending on a number of factors including the size of the customer, the system licensed, the number of legacy systems to be interfaced, the degree of customization requested by the customer and the customer's installation schedule. This period may be longer if unforeseen technical, integration or other problems arise during the installation process, if the Company has insufficient trained installation personnel to handle several installations simultaneously or if a customer decides to delay the installation schedule. Due to this long installation cycle, the Company's future results of operations depend in large part on maintaining efficient and timely installation procedures, particularly since a typical system license and installation contract is relatively large compared to the Company's annual revenues. In addition, payments to the Company are dependent upon achievement of certain milestones. If installation is delayed, then payments and revenue recognition will also be delayed. Any failure by the Company to install its clinical information systems on a timely basis could have a material adverse effect on the Company's business, financial condition and results of operations.

Potential Variability in Quarterly Operating Results. The Company's quarterly revenues and operating results have varied significantly in the past and are likely to vary substantially from quarter to quarter in the future. Quarterly revenues and operating results may fluctuate as a result of a variety of factors, including the following: the Company's long sales cycle; demand for the Company's systems, applications and services, including variability in demand and orders for hardware; the number, timing and significance of announcements and releases of system enhancements and new applications by the Company and its competitors; the termination of, or a reduction in, offerings of the Company's systems, applications and services; the loss of customers due to consolidation in the health care industry; delays in installations requested by customers or caused by other factors; the timing of revenue recognition; the amount of backlog at the beginning of any particular quarter; customer budgeting cycles and changes in customer budgets; investments by the Company in marketing, sales, research and development, and administrative personnel necessary to support the Company's anticipated operations; marketing and sales promotional activities; software defects and other system quality factors; and general economic conditions. In particular, the timing of revenue recognition can be affected by many factors, including the timing of customer installation of the Company's systems. As a result of the relatively large size of each customer contract, combined with the Company's method of revenue recognition, quarterly results are likely to be significantly affected by small changes in

the number of customer contracts in process during a particular quarter. There can be no assurance that the Company will not experience delays in recognizing revenue in the future, particularly considering the complexity and large scale of installations of the Company's systems. In addition, since purchase of the Company's systems generally involves a significant commitment of capital, any downturn in any potential customer's business or the economy in general, including changes in the health care market, could have a material adverse effect on the Company's business, financial condition and results of operations. Moreover, the Company's operating expense levels are relatively fixed and, to a large degree, are based on anticipated revenues. If revenues are below expectations, net income is likely to be disproportionately affected. Further, it is likely that in some future quarter the Company's unit sales volume, revenue, backlog or operating results will be below the expectations of public market analysts and investors. In such event, the trading price of the Company's Common Stock would likely be materially adversely affected.

Highly Competitive Market. Competition in the market for clinical information systems and services is intense and is expected to increase. The Company's competitors include other providers of health care information systems and services, and health care consulting firms. The Company's principal competitors include 3M Health Information Systems, Cerner Corporation, Epic Systems Corporation, HBO & Company, and Shared Medical Systems Corporation. Furthermore, other major health care information companies not presently offering clinical information systems may enter the Company's markets. Increased competition could result in price reductions, reduced gross margins, and loss of market share, any of which could materially adversely affect the Company's business, financial condition and results of operations. In addition, many of the Company's competitors and potential competitors have significantly greater financial, technical, product development, marketing and other resources and market

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recognition than the Company. Many of the Company's competitors also currently have, or may develop or acquire, substantial installed customer bases in the health care industry. As a result of these factors, the Company's competitors may be able to respond more quickly to new or emerging technologies and changes in customer requirements or to devote greater resources to the development, promotion and sale of their products than the Company. There can be no assurance that the Company will be able to compete successfully against current and future competitors or that competitive pressures faced by the Company will not materially adversely affect its business, financial condition and results of operations.

Need to Manage Changing Operations; Dependence Upon Key Personnel. The Company's anticipated future operations may place a strain on its management systems and resources. The Company expects that it will be required to continue to improve its financial and management controls, reporting systems and procedures, and will need to expand, train and manage its work force. There can be no assurance that the Company will be able to effectively manage these tasks, and the failure to do so could have a material adverse effect on the Company's business, financial condition and results of operations. The Company intends to hire a significant number of additional installation, research and development and sales personnel in 1996 and beyond. Competition for such personnel is intense, and there can be no assurance that the Company will be able to attract, assimilate or retain additional highly qualified employees in the future. If the Company is unable to hire and retain such personnel, particularly those in key positions, the Company's business, financial condition and results of operations could be materially adversely affected. The Company's future success also depends in significant part upon the continued service of its executive officers and other key sales, marketing, development and installation employees. The loss of the services of any of its executive officers or other key employees could have a material adverse effect on the Company's business, financial condition and results of operations. Since acquisition of the Predecessor in May 1994, the Company has experienced

turnover in certain key positions of the Company and high turnover in general. Additions of new and departures of existing personnel can be disruptive and could have a material adverse effect on the Company's business, financial condition and results of operations.

Dependence on Third Party Products. The Company's systems are dependent upon a number of third-party computer hardware and software products. There can be no assurance that financial or other difficulties experienced by third-party providers will not have an adverse impact upon the technologies incorporated by the Company's systems, or that, if such technologies become unavailable, the Company will be able to find suitable alternatives. In particular, both the Gateway++ and Oacis Data Repository components of Oacis incorporate a Sybase relational database. Any significant failure by Sybase to meet the Company's database requirements could have a material adverse effect on the Company's business, financial condition and results of operations. A decline in Sybase's reputation could reduce the appeal of the Company's products to its potential customers. Although the Company believes that it can port Oacis to other relational database platforms, such efforts would require substantial time and investment and would have an adverse affect on the Company's operations, including its ability to complete other product development. In addition, Oacis includes a number of embedded software products licensed from third parties. Failure of such third parties to maintain or enhance their products could impair the functionality of Oacis and could require the Company to obtain alternative products from other sources or to develop such software internally, either of which could involve costs and delays as well as diversion of engineering resources. In addition, modifications or enhancements by these third-party vendors often require that the Company modify its own software products to operate with these enhancements or modifications. There can be no assurance that the Company will be able to modify its own software to accommodate third-party changes or that the effort to make such changes will not adversely affect the Company's other development projects.

Risk of System Defects; Failure to Meet Performance Criteria. Systems as complex as those offered by the Company frequently contain errors or failures, especially when first introduced or when new versions are released. Although the Company conducts extensive testing, the Company has in the

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past released systems that contain defects, has discovered software errors in certain of its enhancements and applications after their introduction and, as a result, has experienced delays in recognizing revenues and incurred higher than expected operating expenses during certain periods in order to correct these errors. The Company's systems are intended for use in a clinical health care setting, to collect and display clinical information used in the diagnosis and treatment of patients. As a result, the Company expects that its customers and potential customers have a greater sensitivity to system defects than the market for software products generally. In addition, customer contracts typically provide that the Oacis system is warranted to meet certain performance criteria concerning response time and system availability. The Company also will generally recommend hardware configurations that it believes will be adequate to achieve user acceptable response time performance and system availability. Failure of a customer's system to meet these performance criteria could constitute a material breach under such contracts, and could delay revenue recognition and require that the Company incur additional expense in order to make the system meet these performance criteria or to purchase additional hardware where the recommended hardware configurations have been determined to be inadequate. Although to date the Company has not experienced material adverse effects resulting from any software errors or performance failures, there can be no assurance that, despite testing by the Company and by current and potential customers, errors or performance failures will not occur in new enhancements or applications after commencement of commercial shipments, resulting in loss of revenue or delay in market acceptance, diversion of

development resources, damage to the Company's reputation, or increased service and warranty costs, any of which could have a material adverse effect upon the Company's business, financial condition and results of operations.

#### Consolidation and Uncertainty in the Health Care Industry.

Many health care providers are consolidating to create larger health care networks with greater market concentration. Such consolidation could erode the Company's existing customer base and reduce the size of the Company's target market. In addition, the resulting enterprises could have greater bargaining power, which could lead to price erosion of the Company's systems and services. The reduction in the size of the Company's target market or the failure of the Company to maintain adequate price levels could have a material adverse effect on the Company's business, financial condition and results of operations. The health care industry also is subject to changing political, economic and regulatory influences that may affect the procurement practices and operation of health care industry participants. During the past several years, the United States health care industry has been subject to an increase in governmental regulation and reform proposals. These reforms may increase governmental involvement in health care, lower reimbursement rates and otherwise change the operating environment for the Company's customers. Health care industry participants may react to these proposals and the uncertainty surrounding such proposals by curtailing or deferring investments, including those for the Company's systems and services. The failure of the Company to maintain adequate price levels or sales as a result of legislative or market-driven reforms could have a material adverse effect on the Company's business, financial condition and results of operations.

Limited Proprietary Rights; Risk of Infringement. The Company relies on a combination of trade secrets, copyright and trademark laws, nondisclosure and other contractual provisions to protect its proprietary rights. The Company has not filed any patent applications covering its technology or registered any of its copyrights with state or federal agencies. There can be no assurance that measures taken by the Company to protect its intellectual property will be adequate or that the Company's competitors will not independently develop systems and services that are substantially equivalent or superior to those of the Company. Substantial litigation regarding intellectual property rights exists in the software industry, and the Company expects that software products may be increasingly subject to third-party infringement claims as the number of competitors in the Company's industry segment grows and the functionality of systems overlap. Although the Company believes that its systems and applications do not infringe upon the proprietary rights of third parties, there can be no assurance that third parties will not assert infringement claims against the Company in the future or that a license or similar agreement

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will be available on reasonable terms in the event of an unfavorable ruling on any such claim. In addition, any such claim may require the Company to incur substantial litigation expenses or subject the Company to significant liabilities and could have a material adverse effect on the Company's business, financial condition and results of operations.

Product Liability. The Company's clinical information systems provide clinical information used by clinicians in the diagnosis and treatment of patients. Any failure by the Company's systems to provide accurate, reliable and timely information, or to adequately protect the confidentiality of the information, could result in claims against the Company. The Company maintains insurance to protect against claims associated with the use of its systems, but there can be no assurance that its insurance coverage would adequately cover any claims asserted against the Company. A successful claim brought against the Company in excess of its insurance coverage could have a material adverse effect on the Company's business, financial condition and results of operations. Even unsuccessful claims could result in the Company's expenditure



of funds in litigation and diversion of management time and resources. There can be no assurance that the Company will not be subject to product liability claims that will result in liability in excess of its insurance coverage, that the Company's insurance will cover such claims or that appropriate insurance will continue to be available to the Company in the future at commercially reasonable rates.

**Government Regulation.** The United States Food and Drug Administration (the "FDA") is responsible for assuring the safety and effectiveness of medical devices under the Federal Food, Drug and Cosmetic Act. Computer products are subject to regulation when they are used or are intended to be used in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment or prevention of disease, or are intended to affect the structure or function of the body. The FDA could determine in the future that predictive applications of the Company's systems and applications make them clinical decision tools subject to FDA regulation. Medical devices are subject to regulation by the FDA, which requires, among other things, premarket notifications or approvals and compliance with labeling, registration and listing requirements, good manufacturing practices and records and reporting requirements. Compliance with these regulations could be burdensome, time consuming and expensive. The Company also could become subject to future legislation and regulations concerning the manufacture and marketing of medical devices and health care software systems. These could increase the cost and time necessary to market new products and could affect the Company in other respects not presently foreseeable. The Company cannot predict the effect of possible future legislation and regulation.

The confidentiality of patient records and the circumstances under which such records may be released for inclusion in the Company's databases is subject to substantial regulation by state governments. These state laws and regulations govern both the disclosure and use of confidential patient medical record information. Although compliance with these laws and regulations is principally the responsibility of the hospital, physician or other health care provider with access to the Company's information system, regulations governing patient confidentiality rights are evolving rapidly. Additional legislation governing the dissemination of medical record information has been proposed at both the state and federal level. This legislation may require holders of such information to implement security measures that may be of substantial cost to the Company. There can be no assurance that changes to state or federal laws will not materially restrict the ability of health care providers to submit information from patient records to the Company's systems.

**Risks Associated With Potential Acquisitions.** The Company may in the future pursue acquisitions of complementary products, technologies or businesses. Future acquisitions by the Company may result in potentially dilutive issuances of equity securities, the incurrence of additional debt and amortization expenses related to goodwill and other intangible assets, which could adversely affect the Company's results of operations. In addition, acquisitions involve numerous risks, including difficulties in the assimilation of the operations, products and personnel of the acquired company, the diversion of

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management's attention from other business concerns, risks of entering markets in which the Company has no direct prior experience, and the potential loss of key employees of the acquired company. There can be no assurance that the Company will ever successfully complete an acquisition.

**International Sales.** The Company has licensed clinical information systems to customers located outside of the United States and expects to continue marketing its systems to foreign customers. In 1994 and 1995, revenues from international customers were immaterial. However, in July, the Company announced a contract with the South Australian Health Commission

through its Australian distributor, McDonnell Information Systems Pty. Limited. The Company's operating results may be subject to the risks inherent in international transactions, including difficulties in staffing and managing foreign sales operations, changes in regulatory requirements, exchange rates, tariffs or other barriers, and other factors.

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PART II OTHER INFORMATION

ITEM 6. EXHIBITS AND REPORTS ON FORM 8-K

(a)

- 3.1\* Certificate of Incorporation of Registrant
- 3.2x Bylaws of Registrant.
- 4.1+ Form of Common Stock certificate.
- 10.1+ 1996 Stock Plan and form of agreement thereunder.
- 10.2+ 1996 Director Option Plan and form of option agreement thereunder.
- 10.3+ 1996 Employee Stock Purchase Plan and form of subscription agreement thereunder.
- 10.4+ Form of Indemnification Agreement entered into between Registrant and its directors and executive officers.
- 10.5+ Restated Stockholders Agreement dated as of April 8, 1996 between the Registrant and certain stockholders.
- 10.6+ Lease dated August 30, 1990 for facilities located at 100 Drake's Landing Road, Greenbrae, California, together with related expansion and extension agreements and work agreements.
- 10.7+ Lease dated July 10, 1992 for facilities located in Atlanta, Georgia, together with an addendum thereto dated March 29, 1993.
- 10.8+ Employment Agreement dated May 17, 1995 between Jim McCord and Oacis Healthcare Systems, Inc., a wholly-owned subsidiary of the Registrant ("Subsidiary").
- 10.9+ Master Lease Agreement and Equipment Schedule VL-1, each dated as of March 1, 1996, between Comdisco, Inc. and Subsidiary.
- 10.11+ Standard form of Software License Agreement for the Oacis System.
- 11.1 Calculation of Pro Forma and Supplemental Net Loss Per Share.
- 21.1+ Subsidiaries of the Registrant.
- 27.0+ Financial Data Schedules.

\* Incorporated by reference to Exhibit 3.2 previously filed with the Company's Registration Statement on Form SB-2 (No.333-02804-LA)

x Incorporated by reference to Exhibit 3.3 previously filed with the Company's Registration Statement on Form SB-2 (No. 333-02804-LA)

+ Incorporated by reference to the same numbered exhibit previously filed with the Company's Registration Statement on Form SB-2 (No. 333- 02804-LA)

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## SIGNATURES

Pursuant to the requirements of the Securities and Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

OACIS HEALTHCARE HOLDINGS CORP.  
(Registrant)

Date November 13, 1996 /s/ Stephen F. Ghiglieri  
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Stephen F. Ghiglieri  
Vice President, Finance and  
Administration  
Chief Financial Officer  
(Principal Financial and Accounting  
Officer)

Date November 13, 1996 /s/ Jim McCord  
-----

Chairman and Chief Executive Officer  
(Principal Executive Officer)

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## INDEX TO EXHIBITS

<TABLE>  
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EXHIBIT NUMBER -----	DESCRIPTION -----	PAGE ----
<S>	<C>	<C>
11.1	Computation of Pro Forma Net Loss Per Share	21
27.1	Financial Data Schedule	22

</TABLE>

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## EXHIBIT 11.1

## CALCULATION OF PRO FORMA NET LOSS PER SHARE

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	SEPTEMBER 30,		SEPTEMBER 30,	
	1995	1996	1995	1996
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Weighted Average Common and Common Equivalent Shares:				
Series A Preferred Stock	1,919,307	-	1,916,661	994,677
Series B Preferred Stock	3,114,426	-	2,955,853	1,614,046
Common Stock	1,745,667	10,008,542	1,742,774	5,720,538
Common Stock Options	883,710	-	883,710	457,981
Warrants	4,133	-	4,133	2,142
	-----	-----	-----	-----
	7,667,243	10,008,542	7,503,131	8,789,384
	=====	=====	=====	=====
Net Loss	(\$1,484,000)	(\$246,000)	(\$5,751,000)	(\$5,085,000)
	=====	=====	=====	=====
Pro Forma net loss per common and common equivalent share	(\$0.19)	(\$0.02)	(\$0.77)	(\$0.58)
	=====	=====	=====	=====

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