

Black Book™ 2018 Survey



Top Ambulatory

Electronic Health Records Solutions

Comparative Performance Result Set of Top EHR & Medical Practice Software/Support Vendors

**MOBILE EHR SOLUTIONS
ALL MEDICAL SPECIALTIES**



Black Book Market Research LLC annually evaluates leading healthcare/medical software and service providers across 18 operational excellence key performance indicators completely from the perspective of the client experience. Independent and unbiased from vendors' influence, over 646,000 healthcare IT users are invited to contribute. Suppliers also encourage their clients to participate to produce current and objective customer service data for buyers, analysts, investors, consultants, competitive suppliers and the media. For more information or to order customized research results, please contact the Client Resource Center at +1 800.863.7590 or Info@Brown-Wilson.com

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For more information, visit www.BlackBookMarketResearch.com

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2018 EHR SURVEY RESPONSE RATES BY PRACTICE/ORGANIZATION TYPE, VALIDATED SYSTEM USERS

| 2018 SURVEY RESPONDENT IDENTIFICATION | NUMBER OF RESPONSES VALIDATED | PERCENT OF TOTAL RESPONSES |
|---|-------------------------------|----------------------------|
| Physician/Clinician Name | 8,052 | 42.6% |
| Clinic/Practice Name | 3,938 | 20.8% |
| Public Clinic | 406 | 2.1% |
| Health System Clinic | 1,449 | 7.6% |
| Academic Hospital and Medical Centers over 250 Beds | 1,561 | 8.3% |
| Community Hospitals | 1,670 | 8.8% |
| Small Hospitals under 100 Beds | 1,322 | 7.0% |
| Ambulatory Surgery Centers | 507 | 2.7% |
| TOTAL | 18,905 | 100% |

Source: Black Book™ 2018

SURVEY OVERVIEW

From Q2 2017 through Q1 2018, the Black Book Research electronic medical record, electronic health record, e-Prescribing, Practice Management and e-Health client/user survey investigated 325 EMR vendors utilized 18,905 validated EMR/CPOE/eRX users nationwide for rankings.

1326 physicians, clinicians, and specialists, as well as administrative, IT and finance leaders from 1093 practices, groups, clinics and facilities participated in the 2018 MOBILE EHR SOLUTIONS EHR survey.

BLACK BOOK METHODOLOGY

HOW THE DATA SETS ARE COLLECTED

Black Book collects ballot results on 18 performance areas of operational excellence to rank vendors by electronic medical and health record product lines. The gathered data are subjected immediately to an internal and external audit to verify completeness and accuracy and to make sure the respondent is valid while ensuring that the anonymity of the client company is maintained. During the audit, each data set is reviewed by a Brown-Wilson executive and at least two other people. In this way, Black Book's clients can clearly see how a vendor is truly performing. The 18 criteria on operational excellence are subdivided by the client's industry, market size, geography and function outsourced and reported accordingly.

Situational and market studies are conducted on areas of high interest such as e-Prescribing, Health Information Exchange, Accountable Care organization, hospital software, services providers, educational providers in e-health, bench markers and advisors. These specific survey areas range from four to 20 questions or criteria each.

UNDERSTANDING THE STATISTICAL CONFIDENCE OF BLACK BOOK DATA

Statistical confidence for each performance rating is based upon the number of organizations scoring the electronic medical and health records service. Black Book identifies data confidence by one of several means:

- Top-10-ranked vendors must have a minimum of ten unique clients represented. Broad categories require a minimum of 20 unique client ballots. Data that are asterisked (*) represent a sample size below required limits and are intended to be used for tracking purposes only, not ranking purposes. Performance data for an asterisked vendor's services can vary widely until a larger sample size is achieved. The margin of error can be very large, and the reader is responsible for considering the possible current and future variation (margin of error) in the Black Book performance score reported.
- Vendors with over 20 unique client votes are eligible for top 10 rankings and are assured to have highest confidence and lowest variation. Confidence increases as more organizations report on their outsourcing vendor. Data reported in this form are shown with a 95% confidence level (within a margin of 0.25, 0.20 or 0.15, respectively).
- Raw numbers include the quantity of completed surveys and the number of unique organizations contributing the data for the survey pool of interest.

WHO PARTICIPATES IN THE BLACK BOOK RANKING PROCESS

Over 20,000 EHR users ranking from hospital and medical practice executives, clinicians, IT specialists and front-line implementation veterans are invited to participate in the 2018 annual Black Book EMR EHR e-Health initiative satisfaction survey. Non-invitation receiving participants must complete a verifiable profile, utilize valid corporate email address and are then included as well.

The Black Book survey web instrument is open to respondents and new participants each year at <http://blackbookrankings.com> and mobile applications from iTunes and GooglePlay. Only one ballot per corporate email address is permitted and changes of ballots during the open polling period require a formal email request process to ensure integrity.

The members of 18 professional healthcare associations, 9 media outlets and returning participants with previous identification verifications are among those invited to surveys. Individuals and provider management can register as new participants on mobile applications and online polling instruments. Ballots are validated through two independent survey verification services software companies before being included in the scoring process.

Nearly 19,000 qualified users of systems with validated corporate/valid email addresses ranked 325 EMR-EHR suppliers (221 receiving ten or more qualified, unique practice ballots) offering individual or bundled arrangements as part of the Black Book annual survey, conducted via web survey instruments.

Additionally, 3,319 about-to-be users and those in the replacement phases to a non-original system EHR answered questions about budgeting, vendor familiarity and vendor selection processes but current non-user ballots are not counted in the vendor ranking process of client satisfaction.



STOP LIGHT SCORING KEY

2018 RESULTS

ELECTRONIC HEALTH RECORDS & PRACTICE TECHNOLOGY

AMBULATORY PRACTICE PHYSICIANS, GROUPS & FACILITIES

MOBILE EHR SOLUTIONS

ALL MEDICAL & SURGICAL SPECIALTIES

Comparative Performance Result Set of Top EHR & Medical Practice Software/Support Vendors

IPAD & TABLETS

IPHONE

APPLE WATCH

SMART PHONES

MOBILE SUPPORT DEVICES



STOP LIGHT SCORING KEY

2018 TOP OVERALL AMBULATORY EHR EMR VENDOR HONORS

MOBILE EHR SOLUTIONS

DRCHRONO

FUNCTIONAL SUBSET HONORS: TOP VENDORS FOR MOBILE EHR SOLUTIONS

TOP VENDOR: PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING

DRCHRONO

TOP VENDOR: INTEROPERABILITY, COMMUNICATIONS AND CONNECTIVITY

DRCHRONO

TOP VENDOR: ORDER ENTRY AND MANAGEMENT

ADVANCEDMD

TOP VENDOR: RESULTS REVIEW/MANAGEMENT AND DECISION SUPPORT

NEXTGEN HEALTHFUSION

STOP LIGHT SCORING KEY

FIGURE 1A/B: COMPREHENSIVE END-TO-END EMR VENDORS ARE DEFINED AS BEING COMPRISED OF FOUR SURVEYED FUNCTIONS

| | | | |
|--|---|-----------------------------|---|
| PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & INTEROPERABILITY, CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/MANAGEMENT |
|--|---|-----------------------------|---|

Source: Black Book Research

FIGURE 2: KEY TO RAW SCORES

| 0.00 – 5.79 ▶ | ◀ 5.80 – 7.32 ▶ | ◀ 7.33 – 8.70 ▶ | ◀ 8.71 – 10.00 |
|--------------------------------------|--|---------------------------------|----------------------------------|
| Deal breaking dissatisfaction | Neutral | Satisfactory performance | Overwhelming satisfaction |
| Does not meet expectations | Meets/does not meet expectations consistently | Meets expectations | Exceeds expectations |
| CANNOT RECOMMEND VENDOR | WOULD NOT LIKELY RECOMMEND VENDOR | RECOMMENDS VENDOR | HIGHLY RECOMMENDED VENDOR |

Source: Black Book Research

STOP LIGHT SCORING KEY

| FIGURE 3: COLOR-CODED STOP LIGHT DASHBOARD SCORING KEY | |
|--|---|
| Green 8.71 + | (Top 10%) scores better than 90% of EHR vendors. Green coded vendors have received constantly highest client satisfaction scores. |
| Clear | (Top 33%) scores better than 67% of EHR vendors. Well-scored vendor which have middle of the pack results. |
| Yellow 5.80 to 7.32 | Scores better than half of EHR vendors. Cautionary performance scores, areas of improvement required. |
| Red Less than 5.79 | Scores worse than 66% of EHR vendors. Poor performances reported potential cause for contract cancellations. |

Source: Black Book Research

STOP LIGHT SCORING KEY

FIGURE 4: RAW SCORE COMPILATION AND SCALE OF REFERENCE

Black Book raw score scales

1 = Deal breaking dissatisfaction ◀ ▶ 10 = Exceeds all expectations

Source: Black Book Research

Individual vendors can be examined by specific indicators on each of the main functions of EHR vendors as well as grouped and summarized subsets. Details of each subset are contained so that each vendor may be analyzed by function and end-to-end EHR services collectively.

STOP LIGHT SCORING KEY

FIGURE 5: SCORING KEY

| OVERALL RANK | Q1 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATION S & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|-------------|--|--------------------------------|--------------------------|---|------|
| 5 | 1 | EHR NAME | 8.49 | 8.63 | 8.50 | 8.01 | 8.66 |

Source: Black Book Research

- Overall rank** – this rank references the final position of all 18 criteria averaged by the mean score collectively. This vendor ranked fifth of the 20 competitors.
- Criteria rank** – refers to the number of the question or criteria surveyed. This is the sixth question of the 18 criteria of which this vendor ranked first of the 20 vendors analyzed positioned only on this particular criteria or question. Each vendor required ten unique client ballots validated to be included in the top ten ranks.
- Company** – name of the EHR vendor.
- Subsections** – each subset comprises one-fourth of the total EHR vendor mean at the end of this row and includes all buyers and users who indicate that they contract each respective EMR functional subsection with the supplier, specific to their physician enterprise.
- Mean** – congruent with the criteria rank, the mean is a calculation of all three subsets of EHR functions surveyed. As a final ranking reference, it includes all market sizes, specialties, delivery sites and geographies.

OVERALL KPI LEADERS: AMBULATORY EHR

MOBILE EHR SOLUTIONS

Summary of criteria outcomes

TABLE 1: SUMMARY OF CRITERIA OUTCOMES

| Total number one criteria ranks | Vendor | Overall rank |
|---------------------------------|--------------|--------------|
| 12 of 18 | DRCHRONO | 1 |
| 3 of 18 | ADVANCEDMD | 2 |
| 1 of 18 | NEXTGEN | 3 |
| 1 of 18 | ATHENAHEALTH | 7 |
| 1 of 18 | EPIC SYSTEMS | 14 |

Source: Black Book Research

OVERALL KPI LEADERS: AMBULATORY EHR

MOBILE ELECTRONIC HEALTH RECORD SOLUTIONS, SOFTWARE & APPLICATIONS

Top score per individual criteria

| TABLE 2: TOP SCORE PER INDIVIDUAL CRITERIA | | | |
|--|--|--------------|---------|
| Questions | Criteria | EHR Vendor | Overall |
| 1 | Strategic Alignment of Client Goals including MU & MACRA | DRCHRONO | 1 |
| 2 | Innovation & Optimization | DRCHRONO | 1 |
| 3 | Training | ADVANCEDMD | 2 |
| 4 | Client relationships and cultural fit | DRCHRONO | 1 |
| 5 | Trust, Accountability, Transparency, Ethics | DRCHRONO | 1 |
| 6 | Breadth of offerings, client types, delivery excellence | EPIC SYSTEMS | 14 |
| 7 | Deployment and outsourcing implementation | ADVANCEDMD | 2 |
| 8 | Customization | ADVANCEDMD | 2 |
| 9 | Integration and interfaces | ATHENAHEALTH | 7 |
| 10 | Scalability, client adaptability, flexible pricing | DRCHRONO | 1 |
| 11 | Compensation and employee performance | NEXTGEN | 3 |
| 12 | Reliability | DRCHRONO | 1 |
| 13 | Brand image and marketing communications | DRCHRONO | 1 |
| 14 | Marginal value adds and modules | DRCHRONO | 1 |
| 15 | Financial & Managerial Viability | DRCHRONO | 1 |
| 16 | Data security and backup services | DRCHRONO | 1 |
| 17 | Support and customer care | DRCHRONO | 1 |
| 18 | Best of breed technology and process improvement | DRCHRONO | 1 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

PRACTICE SIZE SUBSET RANKED TOP VENDORS: MOBILE HEALTH RECORD SOLUTIONS

TOP VENDOR: SINGLE/SOLO PRACTITIONERS, MOBILE EHR SOLUTIONS

DRCHRONO

TOP VENDOR: TWO TO FIVE PRACTITIONERS, MOBILE EHR SOLUTIONSX

DRCHRONO

TOP VENDOR: SIX TO TEN PRACTITIONERS, MOBILE EHR SOLUTIONS

DRCHRONO

TOP VENDOR: ELEVEN TO TWENTY-FIVE PRACTITIONERS, MOBILE EHR SOLUTIONS

NEXTGEN

TOP VENDOR: TWENTY-SIX+ PRACTITIONERS, MOBILE EHR SOLUTIONS AND/OR IN MULTISPECIALTY
GROUP CLINIC/PRACTICE ELEKTA MOSAIQ

NEXTGEN

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

TABLE 3: AMBULATORY MEDICAL PRACTICES, TOP RANKED ELECTRONIC HEALTH RECORDS VENDORS – RAW/AGGREGATE EHR SATISFACTION SCORES 2018

| | | | | | | | | | | | | | | | | | | | | |
|----|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | DRCHRONO | 9.55 | 9.59 | 9.39 | 9.74 | 9.40 | 9.39 | 9.23 | 9.09 | 9.36 | 9.60 | 9.02 | 9.56 | 9.68 | 9.37 | 9.66 | 9.73 | 9.80 | 9.61 | 9.49 |
| 2 | ADVANCEDMD | 9.44 | 8.81 | 9.57 | 9.55 | 8.66 | 9.32 | 9.76 | 9.62 | 8.48 | 9.26 | 9.23 | 9.34 | 9.52 | 9.11 | 9.47 | 8.85 | 9.31 | 9.53 | 9.27 |
| 3 | NEXTGEN | 9.40 | 9.05 | 9.25 | 9.39 | 9.12 | 8.99 | 9.71 | 9.57 | 9.38 | 9.37 | 9.59 | 8.98 | 9.15 | 9.15 | 7.98 | 9.06 | 9.66 | 8.14 | 9.16 |
| 4 | KAREO | 8.75 | 8.74 | 9.46 | 8.92 | 9.27 | 9.11 | 9.54 | 9.40 | 9.47 | 8.88 | 9.48 | 9.26 | 9.33 | 8.64 | 9.39 | 9.35 | 8.58 | 9.18 | 9.15 |
| 5 | MOD MEDICINE | 9.27 | 8.57 | 9.31 | 8.95 | 9.11 | 7.94 | 8.30 | 8.68 | 8.98 | 8.42 | 8.65 | 9.13 | 8.16 | 9.23 | 9.35 | 8.34 | 9.43 | 8.49 | 8.80 |
| 6 | CERNER | 8.94 | 9.33 | 8.60 | 7.19 | 8.78 | 7.11 | 9.66 | 9.52 | 8.59 | 9.01 | 7.36 | 8.64 | 8.32 | 9.07 | 8.64 | 8.95 | 7.70 | 9.59 | 8.61 |
| 7 | ATHENAHEALTH | 8.95 | 8.78 | 8.71 | 9.01 | 7.68 | 9.08 | 9.48 | 9.34 | 9.53 | 8.86 | 7.99 | 8.72 | 6.94 | 6.98 | 7.57 | 7.99 | 8.41 | 8.60 | 8.48 |
| 8 | ALLSCRIPTS | 7.87 | 7.99 | 8.96 | 9.50 | 8.95 | 7.41 | 7.33 | 7.98 | 9.04 | 8.79 | 9.24 | 8.66 | 9.09 | 6.62 | 8.93 | 8.47 | 8.77 | 7.87 | 8.42 |
| 9 | CARECLOUD | 9.09 | 9.07 | 5.75 | 7.91 | 7.96 | 9.44 | 9.35 | 9.21 | 7.39 | 7.20 | 6.80 | 7.95 | 8.55 | 8.18 | 9.34 | 8.95 | 8.95 | 9.32 | 8.36 |
| 10 | PRACTICE FUSION | 8.63 | 8.31 | 9.34 | 8.15 | 8.79 | 9.32 | 8.95 | 8.81 | 9.32 | 7.52 | 9.00 | 7.99 | 6.25 | 9.08 | 6.41 | 7.46 | 8.44 | 7.49 | 8.29 |
| 11 | NETSMART | 9.09 | 7.06 | 9.03 | 9.44 | 8.33 | 8.65 | 8.93 | 8.79 | 8.04 | 8.10 | 6.27 | 8.69 | 8.87 | 6.14 | 6.61 | 9.16 | 8.55 | 9.03 | 8.27 |
| 12 | MEDITECH | 8.42 | 8.50 | 8.63 | 9.12 | 7.46 | 7.87 | 7.25 | 7.98 | 9.01 | 8.95 | 8.80 | 7.14 | 8.43 | 7.74 | 8.83 | 8.42 | 7.83 | 8.06 | 8.25 |
| 13 | MCKESSON | 9.15 | 8.06 | 9.16 | 8.73 | 8.34 | 8.16 | 8.43 | 5.83 | 9.09 | 5.69 | 9.59 | 9.44 | 9.26 | 6.69 | 9.39 | 8.96 | 6.78 | 6.98 | 8.21 |
| 14 | EPIC SYSTEMS | 9.38 | 7.68 | 7.20 | 7.06 | 8.54 | 9.47 | 7.75 | 7.96 | 8.46 | 6.82 | 8.69 | 8.77 | 6.81 | 8.32 | 8.83 | 7.33 | 8.85 | 8.11 | 8.11 |
| 15 | SRS SOFT | 8.10 | 6.69 | 9.13 | 9.16 | 9.19 | 8.04 | 8.70 | 7.59 | 7.03 | 8.22 | 9.30 | 7.72 | 5.66 | 6.10 | 7.26 | 8.99 | 8.98 | 8.15 | 8.00 |
| 16 | MEDITAB | 8.92 | 7.00 | 7.90 | 7.91 | 8.86 | 7.49 | 7.51 | 7.64 | 8.03 | 8.37 | 7.29 | 6.95 | 7.92 | 6.86 | 7.66 | 8.79 | 7.12 | 7.87 | 7.78 |
| 17 | GREENWAY | 8.12 | 7.78 | 8.49 | 7.99 | 8.48 | 6.79 | 7.64 | 6.47 | 7.71 | 7.92 | 8.31 | 7.86 | 6.83 | 8.64 | 7.78 | 6.93 | 7.55 | 8.09 | 7.74 |
| 18 | PROGNOCIS | 8.05 | 8.41 | 6.27 | 7.52 | 7.14 | 9.27 | 7.88 | 8.21 | 7.19 | 7.02 | 7.11 | 7.04 | 7.08 | 6.91 | 8.78 | 7.64 | 8.34 | 8.09 | 7.66 |
| 19 | ECLINICALWORKS | 8.36 | 7.37 | 6.33 | 5.47 | 7.80 | 9.14 | 8.02 | 8.37 | 8.31 | 8.86 | 6.67 | 5.39 | 8.31 | 6.15 | 7.82 | 6.61 | 8.37 | 6.98 | 7.46 |
| 20 | APRIMA | 7.86 | 8.95 | 5.35 | 8.51 | 7.96 | 6.00 | 9.02 | 8.88 | 8.49 | 5.38 | 6.91 | 6.49 | 5.81 | 7.92 | 7.00 | 6.99 | 5.93 | 5.44 | 7.16 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

1. Strategic Alignment of Vendor Offerings to Physician Practice Goals & Client’s Mission (MACRA, MU, ONC, HIE, Population Health, RCM)

Table 5: Organizational structure meets the needs of stakeholders or customers and stakeholder satisfaction is the most important priority. EHR client is likely to recommend the vendor to similar sized physician groups, physicians within the same specialty or delivery setting.

| OVERALL RANK | Q1 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.80 | 9.32 | 9.66 | 9.41 | 9.55 |
| 2 | 2 | ADVANCEDMD | 9.19 | 9.51 | 9.34 | 9.71 | 9.44 |
| 3 | 3 | NEXTGEN | 9.71 | 9.17 | 9.47 | 9.23 | 9.40 |
| 14 | 4 | EPIC SYSTEMS | 9.50 | 9.25 | 9.58 | 9.17 | 9.38 |
| 5 | 5 | MODERNIZING MEDICINE | 9.07 | 9.23 | 9.20 | 9.56 | 9.27 |
| 13 | 6 | MCKESSON | 8.79 | 9.31 | 9.02 | 9.47 | 9.15 |
| 9 | 7 | CARECLOUD | 8.78 | 9.30 | 9.06 | 9.20 | 9.09 |
| 11 | 8 | NETSMART | 9.38 | 9.03 | 9.23 | 8.73 | 9.09 |
| 7 | 9 | ATHENAHEALTH | 9.22 | 8.44 | 9.17 | 8.97 | 8.95 |
| 6 | 10 | CERNER | 8.40 | 8.80 | 9.28 | 9.29 | 8.94 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

2. Innovation and Optimization

Table 6: Customers are also continuing to push the envelope for further enhancements to which the EHR vendor is responsive. EHR clients also believe that their vendors' technology is helping them manage practices more effectively, generate accurate records and reimbursement billings and cut their overhead in ways that were difficult or impossible to accomplish before electronic medical records were implemented. Vendor is responsive to make client recommendations with cutting edge improvements.

| OVERALL RANK | Q2 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.67 | 9.59 | 9.52 | 9.57 | 9.59 |
| 6 | 2 | CERNER | 9.48 | 9.52 | 8.80 | 9.51 | 9.33 |
| 9 | 3 | CARECLOUD | 8.94 | 9.11 | 9.39 | 8.83 | 9.07 |
| 3 | 4 | NEXTGEN | 8.87 | 8.98 | 9.43 | 8.91 | 9.05 |
| 20 | 5 | APRIMA | 8.85 | 8.88 | 9.41 | 8.65 | 8.95 |
| 2 | 6 | ADVANCEDMD | 9.11 | 9.01 | 9.02 | 8.09 | 8.81 |
| 7 | 7 | ATHENAHEALTH | 8.71 | 8.38 | 8.94 | 9.08 | 8.78 |
| 4 | 8 | KAREO | 8.87 | 8.70 | 8.75 | 8.63 | 8.74 |
| 5 | 9 | MODERNIZING MEDICINE | 8.55 | 9.14 | 7.84 | 8.73 | 8.57 |
| 12 | 10 | MEDITECH | 7.60 | 8.92 | 8.88 | 8.58 | 8.50 |

Source: Black Book™ 2018

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

3. Training

Table 7: Electronic medical and health record vendor leadership provides significant and meaningful training opportunities for internal employees and client staff. Leadership strives to develop technology staff, EMR/EHR client service and customer servicing consultant employees. Training modules are effective and practical so that minimal post-implementation training is required on or off site.

| OVERALL RANK | Q3 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 2 | 1 | ADVANCEDMD | 9.66 | 9.69 | 9.49 | 9.44 | 9.57 |
| 4 | 2 | KAREO | 9.47 | 9.52 | 9.46 | 9.39 | 9.46 |
| 1 | 3 | DRCHRONO | 9.10 | 9.38 | 9.34 | 9.72 | 9.39 |
| 10 | 4 | PRACTICE FUSION | 8.91 | 9.56 | 9.50 | 9.39 | 9.34 |
| 5 | 5 | MODERNIZING MEDICINE | 8.98 | 9.09 | 9.63 | 9.54 | 9.31 |
| 3 | 6 | NEXTGEN | 9.39 | 8.88 | 9.16 | 9.57 | 9.25 |
| 13 | 7 | MCKESSON | 8.93 | 9.04 | 9.20 | 9.47 | 9.16 |
| 15 | 8 | SRS SOFT | 8.80 | 9.55 | 9.39 | 8.76 | 9.13 |
| 11 | 9 | NETSMART | 8.98 | 9.33 | 8.76 | 9.04 | 9.03 |
| 8 | 10 | ALLSCRIPTS | 8.67 | 9.01 | 8.99 | 9.16 | 8.96 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

4. Client relationships and cultural fit

Table 8: EHR vendor leadership honors customer relationships highly. The relationship with the EHR elevates the customer reputation. Improving physician practice and healthcare delivery efficiency and effectiveness is a priority of the supplier. Governance of engagement is neither complex for buyer nor does it require vendor management attention regularly. There is no regular transparency or quality issue. There are no culture clashes or misfits.

| OVERALL RANK | Q4 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.63 | 9.43 | 9.34 | 9.72 | 9.74 |
| 2 | 2 | ADVANCEDMD | 9.25 | 9.46 | 9.59 | 9.37 | 9.55 |
| 8 | 3 | ALLSCRIPTS | 9.03 | 9.31 | 9.48 | 9.56 | 9.50 |
| 11 | 4 | NETSMART | 9.55 | 8.78 | 9.63 | 9.22 | 9.44 |
| 3 | 5 | NEXTGEN | 9.43 | 9.21 | 8.94 | 9.49 | 9.39 |
| 15 | 6 | SRS SOFT | 9.60 | 9.06 | 8.97 | 9.19 | 9.16 |
| 12 | 7 | MEDITECH | 8.79 | 9.14 | 9.60 | 8.96 | 9.12 |
| 7 | 8 | ATHENAHEALTH | 9.13 | 9.09 | 8.90 | 9.24 | 9.01 |
| 5 | 9 | MODERNIZING MEDICINE | 8.52 | 9.24 | 8.96 | 9.23 | 8.95 |
| 4 | 10 | KAREO | 8.44 | 9.33 | 8.75 | 9.15 | 8.92 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

5. Trust, Accountability, Ethics and Transparency

Table 9: Trust in enterprise reputation is important to EHR clients as well as prospects. Client possesses an understanding that its EHR organization has the people, processes, and resources to effectively deliver the desired business and clinical results, based on its industry reputation and past performance. There are no disconnects between promises and delivery.

| OVERALL RANK | Q5 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.44 | 9.18 | 9.36 | 9.63 | 9.40 |
| 4 | 2 | KAREO | 9.22 | 9.31 | 9.46 | 9.08 | 9.27 |
| 15 | 3 | SRS SOFT | 9.34 | 8.94 | 9.33 | 9.15 | 9.19 |
| 3 | 4 | NEXTGEN | 9.05 | 9.49 | 9.05 | 8.90 | 9.12 |
| 5 | 5 | MODERNIZING MEDICINE | 9.16 | 8.94 | 9.34 | 8.98 | 9.11 |
| 8 | 6 | ALLSCRIPTS | 8.77 | 8.80 | 9.13 | 9.09 | 8.95 |
| 16 | 7 | MEDITAB | 8.60 | 8.59 | 9.19 | 9.06 | 8.86 |
| 10 | 8 | PRACTICE FUSION | 9.29 | 8.53 | 9.10 | 8.24 | 8.79 |
| 6 | 9 | CERNER | 8.49 | 8.41 | 8.89 | 9.32 | 8.78 |
| 2 | 10 | ADVANCEDMD | 8.46 | 8.87 | 8.66 | 8.64 | 8.66 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

6. Breadth of offerings, varied client settings, delivery excellence across all user types

Table 10: EMR/EHR vendor offers industry recognized horizontal functionality and vertical industry applications and manage bundled EMR services such as ePrescribing and developing new e-Health initiatives. Vendor routinely drives operational performance improvements and results in the areas they affect. Comprehensive offerings are constructed to meet the unique needs of the client’s EHR initiatives.

| OVERALL RANK | O6 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|-----------------|--|-------------------------------|--------------------------|---|------|
| 14 | 1 | EPIC SYSTEMS | 9.47 | 9.27 | 9.69 | 9.45 | 9.47 |
| 9 | 2 | CARECLOUD | 9.34 | 9.61 | 9.31 | 9.49 | 9.44 |
| 1 | 3 | DRCHRONO | 9.40 | 9.48 | 9.38 | 9.30 | 9.39 |
| 10 | 4 | PRACTICE FUSION | 9.17 | 9.31 | 9.46 | 9.33 | 9.32 |
| 2 | 5 | ADVANCEDMD | 9.37 | 9.10 | 9.42 | 9.40 | 9.32 |
| 18 | 6 | PROGNOCIS | 9.44 | 9.29 | 9.38 | 8.97 | 9.27 |
| 19 | 7 | ECLINICALWORKS | 9.43 | 8.83 | 9.38 | 8.93 | 9.14 |
| 4 | 8 | KAREO | 8.92 | 9.28 | 8.87 | 9.37 | 9.11 |
| 7 | 9 | ATHENAHEALTH | 8.86 | 9.30 | 8.86 | 9.29 | 9.08 |
| 3 | 10 | NEXTGEN | 8.89 | 9.26 | 8.48 | 9.31 | 8.99 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

7. Deployment and EHR implementation

Table 11: EHR client deploys at a pace acceptable to the client. EHR solutions eliminate excessive supervision over vendor implementations. Vendor overcomes client implementation obstacles and challenges effectively. Technical, organizational and cultural implementation obstacles are handled professionally and punctually. EHR implementation time meets standard expectations.

| OVERALL RANK | Q7 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|-----------------|--|-------------------------------|--------------------------|---|------|
| 2 | 1 | ADVANCEDMD | 9.77 | 9.81 | 9.69 | 9.77 | 9.76 |
| 3 | 2 | NEXTGEN | 9.55 | 9.77 | 9.79 | 9.74 | 9.71 |
| 6 | 3 | CERNER | 9.67 | 9.68 | 9.66 | 9.63 | 9.66 |
| 4 | 4 | KAREO | 9.33 | 9.82 | 9.38 | 9.64 | 9.54 |
| 7 | 5 | ATHENAHEALTH | 9.49 | 9.27 | 9.67 | 9.49 | 9.48 |
| 9 | 6 | CARECLOUD | 9.1 | 9.42 | 9.46 | 9.42 | 9.35 |
| 1 | 7 | DRCHRONO | 8.93 | 9.07 | 9.52 | 9.39 | 9.23 |
| 20 | 8 | APRIMA | 9.62 | 8.86 | 9.04 | 8.57 | 9.02 |
| 10 | 9 | PRACTICE FUSION | 8.82 | 8.74 | 9.22 | 9.00 | 8.95 |
| 11 | 10 | NETSMART | 8.79 | 8.96 | 8.99 | 8.97 | 8.93 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

8. Customization

Table 12: EHR products and process services are customized to meet the unique needs of specific practice client purpose, processes and physician models. Little resistance is encountered when changing performance measurements as clients' needs vary. Extraordinary efforts are made to adapt and convert client special needs into workable solutions with efficient cost and time considerations. EMR software allows for modifications that are not costly or complex.

| OVERALL RANK | Q8 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|-----------------|--|-------------------------------|--------------------------|---|------|
| 2 | 1 | ADVANCEDMD | 9.63 | 9.67 | 9.55 | 9.63 | 9.62 |
| 3 | 2 | NEXTGEN | 9.41 | 9.63 | 9.65 | 9.60 | 9.57 |
| 6 | 3 | CERNER | 9.53 | 9.54 | 9.52 | 9.49 | 9.52 |
| 4 | 4 | KAREO | 9.19 | 9.68 | 9.24 | 9.50 | 9.40 |
| 7 | 5 | ATHENAHEALTH | 9.35 | 9.13 | 9.53 | 9.35 | 9.34 |
| 9 | 6 | CARECLOUD | 8.96 | 9.28 | 9.32 | 9.28 | 9.21 |
| 1 | 7 | DRCHRONO | 8.79 | 8.93 | 9.38 | 9.25 | 9.09 |
| 20 | 8 | APRIMA | 9.48 | 8.72 | 8.90 | 8.43 | 8.88 |
| 10 | 9 | PRACTICE FUSION | 8.68 | 8.60 | 9.08 | 8.86 | 8.81 |
| 11 | 10 | NETSMART | 8.65 | 8.82 | 8.85 | 8.83 | 8.79 |

Source: Black Book™ 2018

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

9. Integration and interfaces

Table 13: EHR vendor supports interfaces so information can be shared between necessary applications. Solutions are easily integrated to existing backend systems as needed and HIE feasible. Seamless interfaces to legacy applications are performed as required for optimal functioning. Human integration and interface activities are administered precisely. Systems communicate effectively among provider groups and ancillaries. True interoperability with other healthcare organizations is factored into implementation.

| OVERALL RANK | Q9 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 7 | 1 | ATHENAHEALTH | 9.47 | 9.49 | 9.63 | 9.54 | 9.53 |
| 4 | 2 | KAREO | 9.63 | 9.41 | 9.59 | 9.23 | 9.47 |
| 3 | 3 | NEXTGEN | 9.25 | 9.52 | 9.12 | 9.61 | 9.38 |
| 1 | 4 | DRCHRONO | 9.29 | 9.23 | 9.40 | 9.53 | 9.36 |
| 10 | 5 | PRACTICE FUSION | 9.57 | 9.36 | 8.93 | 9.43 | 9.32 |
| 6 | 6 | MCKESSON | 9.36 | 8.79 | 8.98 | 9.20 | 9.08 |
| 8 | 7 | ALLSCRIPTS | 8.63 | 8.96 | 9.24 | 9.32 | 9.04 |
| 12 | 8 | MEDITECH | 8.92 | 8.60 | 8.96 | 9.57 | 9.01 |
| 4 | 9 | MODERNIZING MEDICINE | 8.84 | 8.91 | 9.35 | 8.81 | 8.98 |
| 6 | 10 | CERNER | 9.04 | 7.88 | 9.06 | 8.37 | 8.59 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

10. Scalability, client adaptability, flexible pricing

Table 14: EHR services and solutions vendor provides flexible pricing allowing the client to choose and pay for the precise functionality and services needed. Vendor invests in significant infrastructure and has the ability to provide services to enterprise organizations. IT products and services meet the changing and varied needs of the EHR customer. Pricing is not rigid or shifting and meets needs of client.

| OVERALL RANK | Q10 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.81 | 9.49 | 9.76 | 9.33 | 9.60 |
| 3 | 2 | NEXTGEN | 9.36 | 9.52 | 8.95 | 9.66 | 9.37 |
| 2 | 3 | ADVANCEDMD | 9.48 | 9.18 | 9.37 | 9.01 | 9.26 |
| 6 | 4 | CERNER | 8.95 | 9.23 | 8.88 | 8.98 | 9.01 |
| 12 | 5 | MEDITECH | 9.21 | 8.59 | 9.14 | 8.84 | 8.95 |
| 4 | 6 | KAREO | 8.99 | 9.04 | 8.90 | 8.59 | 8.88 |
| 7 | 7 | ATHENAHEALTH | 8.92 | 8.94 | 9.52 | 8.06 | 8.86 |
| 8 | 8 | ALLSCRIPTS | 8.64 | 8.84 | 8.50 | 9.18 | 8.79 |
| 17 | 9 | ECLINICALWORKS | 8.50 | 8.77 | 8.66 | 8.47 | 8.60 |
| 5 | 10 | MODERNIZING MEDICINE | 8.06 | 7.30 | 9.14 | 9.19 | 8.42 |

Source: Black Book™ 2018

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

11. Vendor staff expertise, compensation and employee performance

Table 15: EHR vendor team of employees is considered top in industry for professionalism and skill. Vendor attracts and retains high performing staff. Vendor is focused on building and developing a strong employee team of producers. Employees act like owners/leaders. Company is moving towards leveraged pay at all levels. Vendor is using effective tools to tie performance metrics to compensation policy and compensating top leaders. Human resources-related criteria are scored from the client perspective on this indicator.

| OVERALL RANK | Q11 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 3 | 1 | NEXTGEN | 9.53 | 9.73 | 9.64 | 9.44 | 9.59 |
| 4 | 2 | KAREO | 9.60 | 9.38 | 9.30 | 9.63 | 9.48 |
| 15 | 3 | SRS SOFT | 9.04 | 9.35 | 9.50 | 9.30 | 9.30 |
| 8 | 4 | ALLSCRIPTS | 9.41 | 9.20 | 8.92 | 9.44 | 9.24 |
| 2 | 5 | ADVANCEDMD | 8.91 | 9.33 | 9.28 | 9.41 | 9.23 |
| 1 | 6 | DRCHRONO | 9.11 | 8.90 | 8.91 | 9.17 | 9.02 |
| 10 | 7 | PRACTICE FUSION | 9.07 | 8.78 | 9.25 | 8.86 | 9.00 |
| 12 | 8 | MEDITECH | 8.45 | 8.64 | 8.89 | 9.21 | 8.80 |
| 13 | 9 | MCKESSON | 9.02 | 9.24 | 8.44 | 8.07 | 8.69 |
| 5 | 10 | MODERNIZING MEDICINE | 8.30 | 8.64 | 9.18 | 8.48 | 8.65 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

12. Reliability

Table 16: EHR supplier meets agreed terms as evidenced by routine, acceptable service level reporting and industry expectations. Depth and breadth of applications/solutions are acceptable in meeting client needs. Online reliability is maximized, and outages/downtimes are minimized. Solid product and service capacities are demonstrated consistently. Service levels are consistently met as agreed. Services and support response is maximized by vendor team.

| OVERALL RANK | Q12 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.66 | 9.54 | 9.59 | 9.43 | 9.56 |
| 13 | 2 | MCKESSON | 9.48 | 9.34 | 9.35 | 9.57 | 9.44 |
| 2 | 3 | ADVANCEDMD | 9.51 | 8.98 | 9.47 | 9.38 | 9.34 |
| 4 | 4 | KAREO | 9.40 | 9.21 | 9.29 | 9.14 | 9.26 |
| 5 | 5 | MODERNIZING MEDICINE | 9.18 | 9.01 | 9.51 | 8.83 | 9.13 |
| 3 | 6 | NEXTGEN | 9.01 | 9.12 | 8.83 | 8.92 | 8.98 |
| 14 | 7 | EPIC SYSTEMS | 8.74 | 9.21 | 8.62 | 8.51 | 8.77 |
| 7 | 8 | ATHENAHEALTH | 9.19 | 8.84 | 8.05 | 8.78 | 8.72 |
| 11 | 9 | NETSMART | 8.26 | 8.25 | 9.21 | 9.02 | 8.69 |
| 8 | 10 | ALLSCRIPTS | 8.21 | 8.61 | 8.74 | 9.08 | 8.66 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

13. Brand image and marketing communications

Table 17: EHR vendor’s marketing and sales statements/pitches are accurately and appropriately represented by actual EMR product and service deliverables. Image is consistent with top EHR rankings. Sales presentations and proposals are delivered upon and corporate integrity/honesty in marketing and business development are highly valued. Company image and integrity are values upheld top-down consistently. Elevated level of relevant client communications enhances the EHR vendor – EHR user relationship.

| OVERALL RANK | Q13 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|-------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.73 | 9.63 | 9.74 | 9.60 | 9.68 |
| 2 | 2 | ADVANCEDMD | 9.47 | 9.36 | 9.56 | 9.68 | 9.52 |
| 4 | 3 | KAREO | 9.42 | 9.53 | 9.16 | 9.19 | 9.33 |
| 13 | 4 | MCKESSON | 9.28 | 9.43 | 8.90 | 9.41 | 9.26 |
| 3 | 5 | NEXTGEN | 9.25 | 9.03 | 9.00 | 9.30 | 9.15 |
| 8 | 6 | ALLSCRIPTS | 9.16 | 9.10 | 8.89 | 9.21 | 9.09 |
| 11 | 7 | NETSMART | 9.45 | 8.61 | 9.00 | 8.40 | 8.87 |
| 9 | 8 | CARECLOUD | 8.60 | 8.77 | 7.97 | 8.84 | 8.55 |
| 12 | 9 | MEDITECH | 8.04 | 8.65 | 8.92 | 8.11 | 8.43 |
| 6 | 10 | CERNER | 8.35 | 8.27 | 7.88 | 8.76 | 8.32 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

14. Marginal value adds

Table 18: Beyond stimulus achievement, EHR vendors' cost savings are realized as generally estimated and not over-positioned or over/underestimated in ways that effect major client satisfaction or costs. Vendor offers value-adds as a practice management partner in cost savings and avoidance initiatives and creative programs through bundled EMR product design. Provides true business transformation opportunities to physician practices and other medical settings utilizing EHR.

| OVERALL RANK | Q14 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.42 | 9.12 | 9.58 | 9.36 | 9.37 |
| 5 | 2 | MODERNIZING MEDICINE | 9.34 | 9.41 | 9.09 | 9.07 | 9.23 |
| 3 | 3 | NEXTGEN | 9.37 | 9.01 | 9.44 | 8.76 | 9.15 |
| 2 | 4 | ADVANCEDMD | 8.76 | 9.02 | 9.30 | 9.34 | 9.11 |
| 10 | 5 | PRACTICE FUSION | 9.37 | 8.86 | 9.19 | 8.88 | 9.08 |
| 6 | 6 | CERNER | 8.90 | 8.79 | 9.45 | 9.14 | 9.07 |
| 4 | 7 | KAREO | 8.86 | 7.51 | 7.38 | 7.65 | 8.64 |
| 17 | 8 | GREENWAY | 8.91 | 8.70 | 8.61 | 8.35 | 8.64 |
| 14 | 9 | EPIC SYSTEMS | 8.45 | 8.61 | 8.82 | 7.40 | 8.32 |
| 9 | 10 | CARECLOUD | 7.59 | 8.57 | 8.22 | 8.35 | 8.18 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

15. Viability and managerial stability

Table 19: Vendor’s viability, employee turnover, financial stability and/or cultural mismatches do not threaten relationship. Senior management and the board exemplify strong leadership principals to steward appropriate resources that impact EHR buyers. Client is confident of long term industry viability for this vendor based on investments, client adoption, exceptional outcomes and service levels. Field management is notably competent, stable and supportive of clients. EHR vendor demonstrates and provides evidence of competent fiscal management and leadership.

| OVERALL RANK | Q15 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.70 | 9.61 | 9.68 | 9.64 | 9.66 |
| 2 | 2 | ADVANCEDMD | 9.41 | 9.35 | 9.62 | 9.48 | 9.47 |
| 13 | 3 | MCKESSON | 9.19 | 9.43 | 9.60 | 9.33 | 9.39 |
| 4 | 4 | KAREO | 9.35 | 9.38 | 9.54 | 9.27 | 9.39 |
| 5 | 5 | MODERNIZING MEDICINE | 9.44 | 9.31 | 9.36 | 9.30 | 9.35 |
| 9 | 6 | CARECLOUD | 9.02 | 9.38 | 9.52 | 9.44 | 9.34 |
| 8 | 7 | ALLSCRIPTS | 9.37 | 8.96 | 8.54 | 8.86 | 8.93 |
| 14 | 8 | EPIC SYSTEMS | 8.93 | 8.89 | 8.41 | 9.07 | 8.83 |
| 12 | 9 | MEDITECH | 8.45 | 8.93 | 9.03 | 8.90 | 8.83 |
| 18 | 10 | PROGNOCIS | 8.71 | 8.91 | 8.50 | 9.00 | 8.78 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

16. Data security and backup services

Table 20: In order to provide secure and constantly dependable EMR service offerings for physician and hospital/IDN affiliate practices and entities, an EHR vendor has to provide the highest level of security and data back-up services. EHR vendor's service in these two areas is superior to the security and back-up system of past internal systems of the physician practice.

| OVERALL RANK | Q16 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|-------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.64 | 9.75 | 9.71 | 9.80 | 9.73 |
| 4 | 2 | KAREO | 9.02 | 9.19 | 9.54 | 9.63 | 9.35 |
| 11 | 3 | NETSMART | 9.30 | 9.37 | 8.82 | 9.13 | 9.16 |
| 3 | 4 | NEXTGEN | 9.31 | 8.84 | 8.80 | 9.27 | 9.06 |
| 15 | 5 | SRS SOFT | 8.25 | 9.33 | 9.43 | 8.94 | 8.99 |
| 13 | 6 | MCKESSON | 8.51 | 8.91 | 9.00 | 9.42 | 8.96 |
| 9 | 7 | CARECLOUD | 9.33 | 8.89 | 8.95 | 8.61 | 8.95 |
| 6 | 8 | CERNER | 9.05 | 8.80 | 8.81 | 9.12 | 8.95 |
| 2 | 9 | ADVANCEDMD | 8.85 | 9.01 | 9.01 | 8.51 | 8.85 |
| 16 | 10 | MEDITAB | 8.68 | 8.95 | 8.80 | 8.73 | 8.79 |

Source: Black Book™ 2018

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

17. Support and customer care

Table 21: Account management provides an adequate amount of onsite administration and support to clients. There exists a formal EHR account management program that meets client needs. Media and clients reference this vendor as an EMHR services leader and top vendor correctly. Customer services and relationship satisfaction is manifested through significant flagship clients as well as smaller and newest customers similarly. Vendor provides appropriate number of accessible support and customer care personnel.

| OVERALL RANK | Q17 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.63 | 9.84 | 9.82 | 9.92 | 9.80 |
| 3 | 2 | NEXTGEN | 9.60 | 9.70 | 9.79 | 9.55 | 9.66 |
| 5 | 3 | MODERNIZING MEDICINE | 9.24 | 9.57 | 9.64 | 9.28 | 9.43 |
| 2 | 4 | ADVANCEDMD | 9.12 | 9.19 | 9.41 | 9.50 | 9.31 |
| 15 | 5 | SRS SOFT | 8.98 | 9.26 | 9.30 | 8.39 | 8.98 |
| 22 | 6 | THE ROI COMPANIES | 9.43 | 9.20 | 9.02 | 8.14 | 8.95 |
| 14 | 7 | EPIC SYSTEMS | 9.48 | 8.14 | 8.50 | 9.27 | 8.85 |
| 8 | 8 | ALLSCRIPTS | 9.13 | 8.75 | 8.66 | 8.52 | 8.77 |
| 4 | 9 | KAREO | 8.42 | 8.22 | 9.06 | 8.61 | 8.58 |
| 21 | 10 | PYRAMID SOLUTIONS | 8.45 | 9.32 | 8.06 | 8.38 | 8.55 |

INDIVIDUAL EHR VENDOR KEY PERFORMANCE

Physician Practices: MOBILE EHR SOLUTIONS

18. Best of breed technology and process improvement developments

Table 22: EHR management and related technology services are considered best of breed. EHR Vendor technology elevates customers via capabilities, equipment, processes, deliverables, professional staff, leadership, quality assurance and innovative initiatives. EHR services are delivered at or above current/former in-house service levels. Technology is current and relevant to exchanging health information among providers, as well as sufficiently offering patient access.

| OVERALL RANK | Q18 CRITERIA RANK | EHR COMPANY | PATIENT HEALTH DATA MANAGEMENT & ADMINISTRATIVE PROCESSING | COMMUNICATIONS & CONNECTIVITY | ORDER ENTRY & MANAGEMENT | DECISION SUPPORT & RESULTS REVIEW/ MANAGEMENT | MEAN |
|--------------|-------------------|----------------------|--|-------------------------------|--------------------------|---|------|
| 1 | 1 | DRCHRONO | 9.45 | 9.62 | 9.76 | 9.62 | 9.61 |
| 6 | 2 | CERNER | 9.56 | 9.68 | 9.54 | 9.56 | 9.59 |
| 2 | 3 | ADVANCEDMD | 9.47 | 9.66 | 9.54 | 9.44 | 9.53 |
| 9 | 4 | CARECLOUD | 9.25 | 9.60 | 9.18 | 9.26 | 9.32 |
| 4 | 5 | KAREO | 9.18 | 9.07 | 9.04 | 9.42 | 9.18 |
| 11 | 6 | NETSMART | 8.82 | 9.56 | 9.03 | 8.71 | 9.03 |
| 7 | 7 | ATHENAHEALTH | 8.66 | 9.13 | 8.17 | 8.44 | 8.60 |
| 5 | 8 | MODERNIZING MEDICINE | 8.53 | 8.02 | 8.68 | 8.71 | 8.49 |
| 22 | 9 | THE ROI COMPANIES | 7.33 | 7.60 | 8.66 | 9.02 | 8.15 |
| 3 | 10 | NEXTGEN | 7.97 | 8.44 | 7.39 | 8.75 | 8.14 |

APPENDIX

BLACK BOOK MARKET RESEARCH SURVEYS & IT USER POLLING

We hope that the data and analysis in this report will help you make informed and imaginative EMR/EHR business decisions. If you have further requirements, the Black Book research team may be able to help you. For more information about Black Book's custom survey capabilities, please contact us directly at info@brown-wilson.com

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