

## Four Underlying Fundamentals of Risk Trends, Insights, Data

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PROUD SPONSOR OF THIRD PARTY B'SK MADNESS







## **Presenter – Who Am I?**

- Work with clients and partners on API integrations to leverage data into their supplier sourcing, onboarding and monitoring process
- Shared Assessments co-chair Best Practices
   Working Group, Steering Committee Member,
   CTPRP certification.
- Third Party Risk Association member
- Institute of Supply Management (ISM) Special council member and ISM-NY Chapter – Board of Directors / Programming Content
- 20+ years experience in data/analytics, risk & compliance at EDGAR Online, Donnelley Financial, and RapidRatings



Eric Evans, CTPRP

Managing Director,

Partnerships & Alliances

RapidRatings

## RAPID**RATINGS**®

## Who We Are

Reduced spend by 84% on a medium risk supplier that deteriorated quickly. Built inventory and dual sourced critical component helped mitigate risk prior to supplier bankruptcy.

Senior Sourcing Manager

We See What Others Don't.®

Fortune 100 Multinational Conglomerate























# OF THE TOP 25 LARGEST US BANKS

We work with the top names in banking and other financial services, providing them with visibility into their business ecosystems.

Our 300+ global enterprise clients span over

27 INDUSTRIES

## 12+

Company years of financials analyzed to fuel our algorithms

## 150分 COUNTRIES

in which we've sourced financials & rated private companies

# **Economic and Market Conditions have a Broad Impact**

44

"Declining profitability and increasing liabilities are a toxic combination when interest rates are high."

Middle Market Crisis - Marblegate and RapidRatings Whitepaper

## Many Unfavorable Market Factors Facing Supply Chains:



#### **High Interest Rates**

While rate cuts are expected in 2024, they will be slow and rates will remain high for an extended period.



#### **Looming Debt Bomb**

As companies' debt matures, refinancing will become more challenging than ever for private companies.



## Working Capital Constraints

Probable strikes, warehouse constraints, and building buffer inventory has slowed turnovers and cash conversion cycles.



#### **Regulatory Pressure**

OCC, FRB, FDIC Interagency TPRM Guidance (US)

Digital Operational Resilience Act (DORA) European framework



#### **Lingering Inflation**

Reduced spending power for both corporations and consumers drastically shift behaviors, strategies, and forecasts.



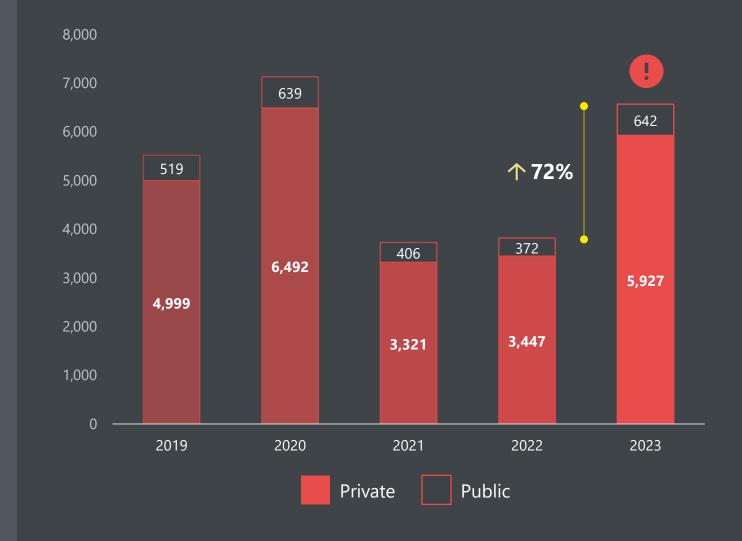
#### **Geopolitical Risks**

Impending elections in more than 60 countries, conflicts in Middle east, and Russia/Ukraine war creates more uncertainty.



# US Commercial Chapter 11 Filings Increased 72% in 2023

- Bankruptcies in 2023 came close to exceeding those of the 2020 pandemic.
- Private company failures were more than 9x that of public companies.
- Lingering effects of stubborn inflation, high interest rates, and tight credit standards will continue to put pressure on companies in 2024.
- Debt maturities in 2024 and 2025 will likely contribute to a continued increase in bankruptcies.

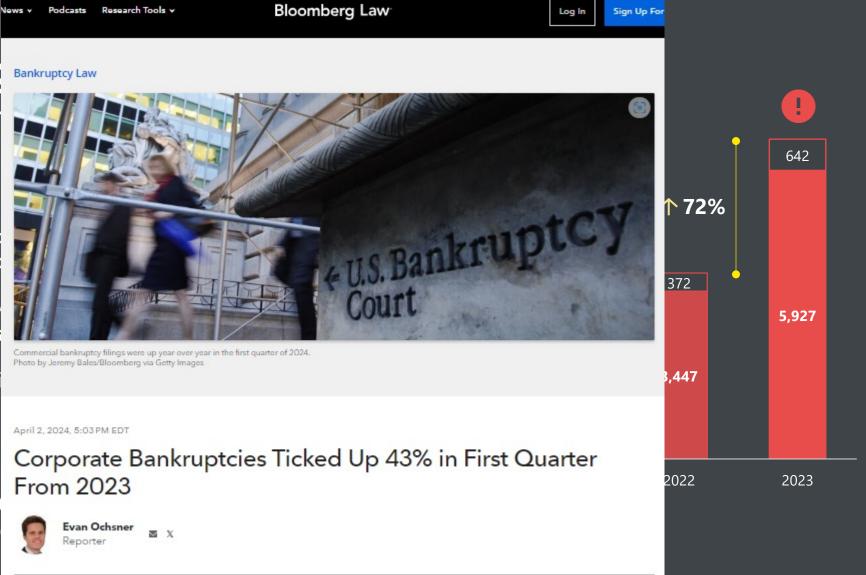




Data Source: Epiq Bankruptcy and S&P Global Market Intelligence

# US Commercial Chapter 11 Filing Increased 72% in

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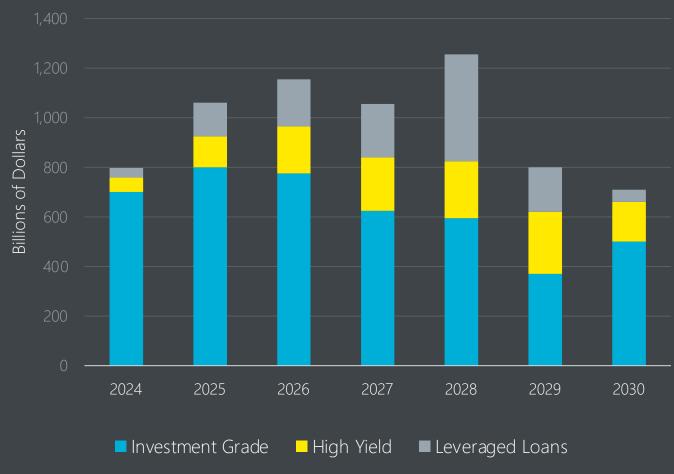




## Debt Maturity is Quickly Rising over the Next **Three Years**

- Companies to encounter higher refinancing costs
- Can these companies (or your suppliers) afford it?

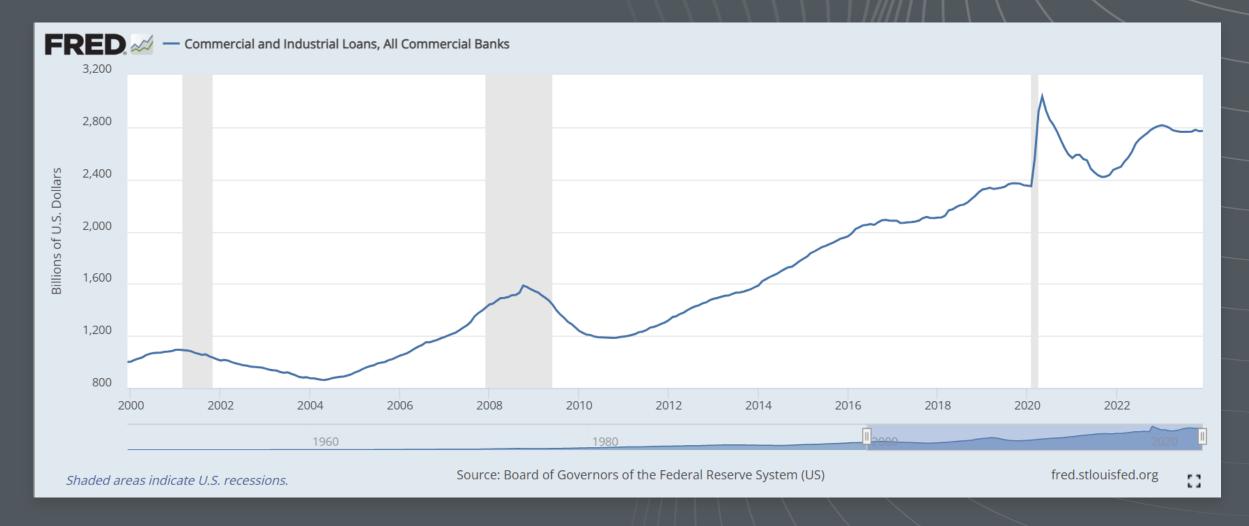
#### Corporate Debt Maturing





Data Source: Bloomberg, Goldman Sachs Global Investment Research

## And It's Not Just Public Companies – \$2.7 trillion in US C&I loans

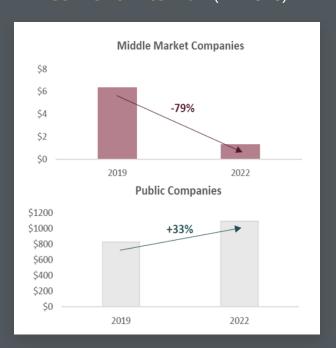




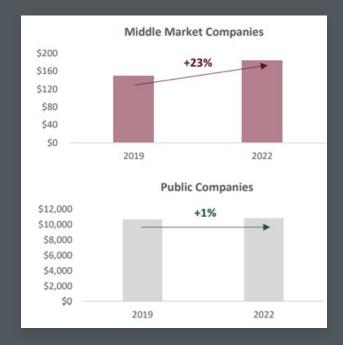
## Your Suppliers are Under Threat

U.S. middle market companies are in crisis facing collapsing margins, surging leverage, and deteriorating solvency due to high inflation and soaring interest rates – threatening to unleash a wave of corporate restructurings.

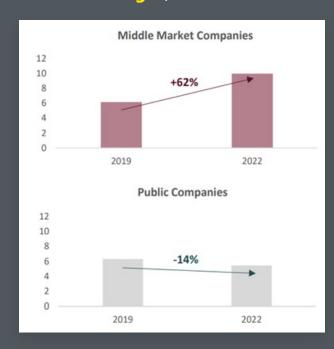
#### **Net Profit After Tax** (millions)



#### **Total Liabilities** (millions)



#### Financial Leverage (Debt to EBITDA Ratio)



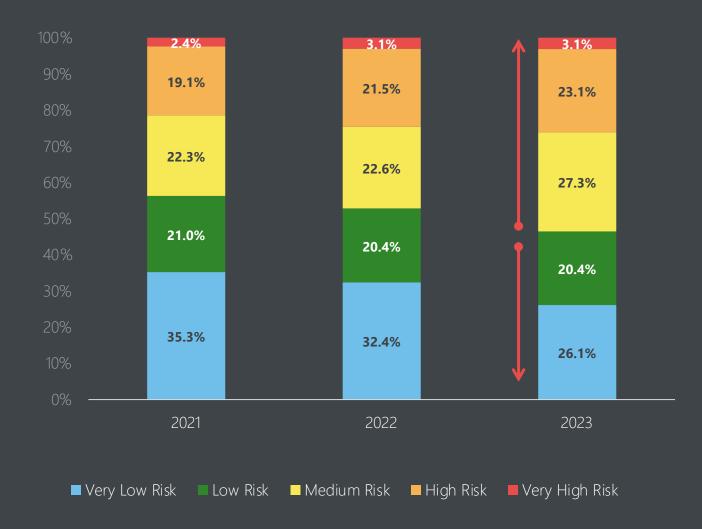


## Financial Health Trends:

### Americas

 Inflationary pressures and higher interest rates adversely impacted the financial health in 2022 and 2023, this trend likely to continue.

#### Financial Health Risk Distribution (Americas)





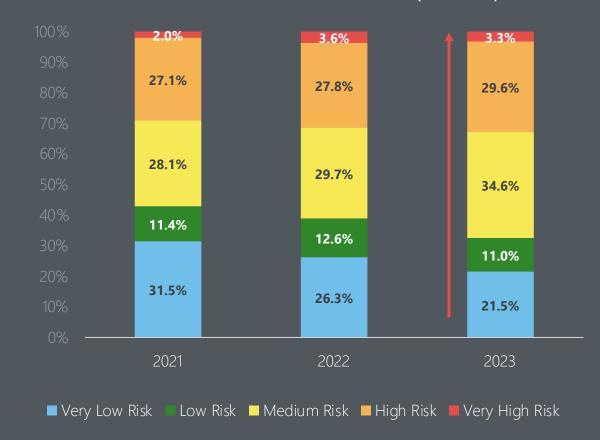
## Financial Health Trends: Computer Services Sector

### Americas

#### Financial Health Risk Distribution (Publics)



#### Financial Health Risk Distribution (Privates)





# Impacts















- Rework cost on rejected parts
- Labor overtime for delayed shipments
- Time and travel costs for on-site visits
- Product recalls

- Missed sales
- Increase in personnel
- Cost to transfer suppliers

- Delayed shipments
- Missed shipments
- Increased cost of goods and services
- Sourcing new suppliers

- Production shuts down
- Missed revenue
- Brand reputation hit
- Crisis response team
- Time and cost to replace failed supplier



# There are more risk domains than ever and many are still siloed

ESG / Cyber Risk Sanctions Sustainability Quality/ Financial Risk Innovation Delivery

# Integrated Risk Areas Hidden Risks Tied to Financial Deterioration

Financial Health underpins them all



# Delivery issues Quality issues © 2024 RapidRatings

## Financial Health Transparency & Operational Risk

## **01** Transparent

A suppliers' financial health is the best indicator of their ability to meet your business needs.

## **02** Accurate

The most accurate Financial Health Ratings in the world - based on your suppliers' actual financial data.

## **03** Effective

Key analytics and reports help build better supplier relationships and risk management strategies.

## **04** Proven

Used by the largest companies in the world to improve the resilience of their supply chain. Every decision a company makes is ultimately reflected in their **financial statements.** 



## The Four Fundamentals of Risk

- 1. What (and When) is the risk?
- 2. How has the risk been changing over time?
- **3. Why** is the risk what it is?
- 4. **How** does the risk compare to industry peers?

#### BANKRUPTCY

#### Ebix Files for U.S. Bankruptcy With \$400 Million Bid for North American Business

Higher interest rates and fallout from auditing questions contribute to chapter 11 filing of the software and e-commerce services supplier

#### By Becky Yerak

Updated Dec. 18, 2023 6:14 pm ET | WSJ PRO











A view of downtown Atlanta, Ebix is based in Johns Creek, Ga., an Atlanta suburb, PHOTO: ELIJAH NOUVELAGE/BLOOMBERG NEWS

What is the risk? And when? Short Term vs. Medium

#### **Core Health**

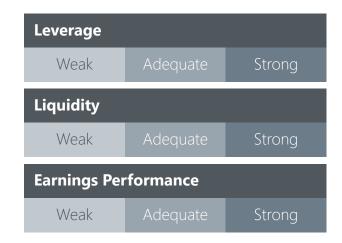
A measure of underlying **efficiency using 62 ratios** 

The Core Health Score (CHS) measures the medium-term viability of the company over the next 24-36 months



#### **Resilience Indicators**

**Dynamically overlay 11 resilience ratios** focused on short-term default risk



#### **FHR**

This produces the FHR, Risk Level, and PD%

The Financial Health Rating (FHR) measures the near-term default risk over the next 12 months





What is the risk?

- Combines medium term fundamental financial viability (CHS) with short term default probability (FHR).
- Triage suppliers that need immediate attention based on Quadrant location
- Monitor movement between Quadrant locations to proactively identify and mitigate risks

		Sho	rt Term Defau	ılt Risk - Finan	cial Health Ra	ting		
		Very High Risk (0-19)	High Risk (20-39)	Medium Risk (40-59)	Low Risk (60-79)	Very Low Risk (80-100)		
Core Health Score	Very Strong Health (80-100)	Quadi	r <b>ant D</b> have medium or	Quadrant A  Companies in this quadrant demonstrate levels of operational efficiency likely to be sustainable over the medium-term, combined with an acceptable to very low default risk within the next 12 months.				
	Strong Health (60-79)	better Core He challenges rema term given th	ealth, however ain in the short- neir elevated					
	Medium Health (40-59)	next 12	lefault over the months.					
Medium Term Viability -	Poor Health (20-39)	poor to very po	es demonstrate oor Core Health	Quadrant B  While risk of default is unlikely in the short-term the level of Core Health suggests a need for				
Mediu	Very Poor Health (0-19)	(suggesting the need for efficiency improvements) combined with a high to very high risk of default over the next year.		efficiency improvements, and current performance may not be sustainable over the medium-term.				



What is the risk?



#### Ebix Inc RRID: XAZPZrJ

High Default Risk

Estimated Probability of Default: 1.4109%



	Default Risk								
Core Health	Very High Risk (0-19)	High Risk (20-39)	Medium Risk (40-59)	Low Risk (60-79)	Very Low Risk (80-100)				
Very Strong Health (80-100)									
Strong Health (60-79)		D		Α					
Medium Health (40-59)									
Poor Health (20-39)				B					
Very Poor Health (0-19)				D					

Quadrant D: These companies have medium or better Core Health, however challenges remain in the short-term given their elevated probability of default over the next 12 months.

The Core Health Score (CHS) is a measure of medium-term sustainability based on operational efficiency and competitiveness.

The Financial Health Rating 2 (FHR) is a measure of default risk in the short- term. It is derived from Core Health and Resilience analysis, which incorporates a company's facility to meet internal and external obligations in the short-term.





How has the risk been changing over time?

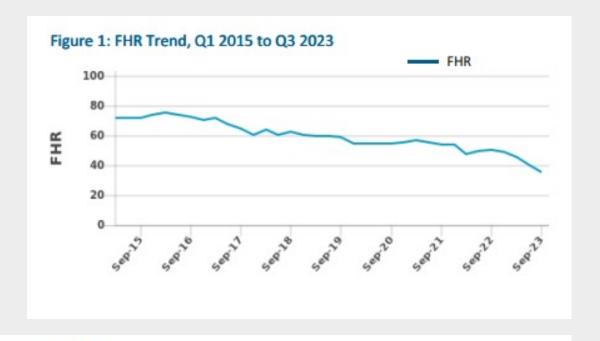


Table 2: Ebix Inc's Ratings and Performance Category Trends, YE 2015 to Q3 2023

		Annual					Quarterly					
Financial Data	YE 2015	YE 2016	YE 2017	YE 2018	YE 2019	YE 2020	YE 2021	Q3 2022	YE 2022	Q1 2023	Q2 2023	Q3 2023
Financial Period End	12/31	12/31	12/31	12/31	12/31	12/31	12/31	09/30	12/31	03/31	06/30	09/30
Financial Health Rating	74	71	61	61	55	56	54	51	49	46	41	36
FHR Annual Delta	n/a	-3	-10	0	-6	1	-2	-3	-5	-2	-9	-15
Core Health Score	69	65	64	67	63	60	59	64	62	58	52	43







Starts out in Risk Quadrant A

- FHR 74 Low Risk
- CHS 69
   Strong Core
   Health

Î	- 6	Sho	rt Term Defau	ılt Risk - Finan	cial Health Ra	ting
EBIX		Very High Risk (0-19)	High Risk (20-39)	Medium Risk (40-59)	Low Risk (60-79)	Very Low Risk (80-100)
Medium Term Viability - Core Health Score	Very Strong Health (80-100) Strong Health (60-79)				Se	pt 2014
iability - C	Medium Health (40-59)					
m Term V	Poor Health (20-39)					
Mediu	Very Poor Health (0-19)					

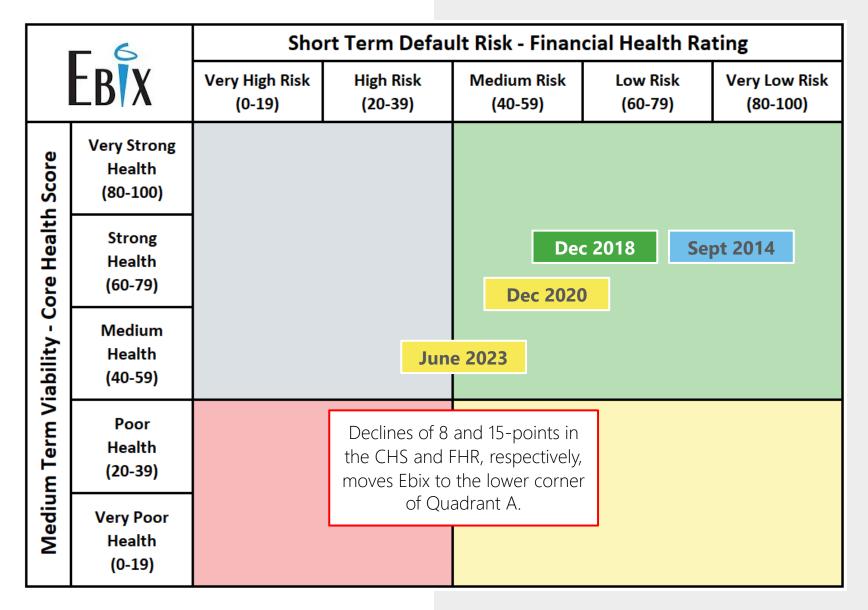


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	EBIX	Very High Risk (0-19)	High Risk (20-39)	Medium Risk (40-59)	Low Risk (60-79)	Very Low Risk (80-100)
Health Score	Very Strong Health (80-100)					
	Strong Health (60-79)				c 2018 Se	pt 2014
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Medium Term Viability - Core	Poor Health (20-39)					
Mediu	Very Poor Health (0-19)					

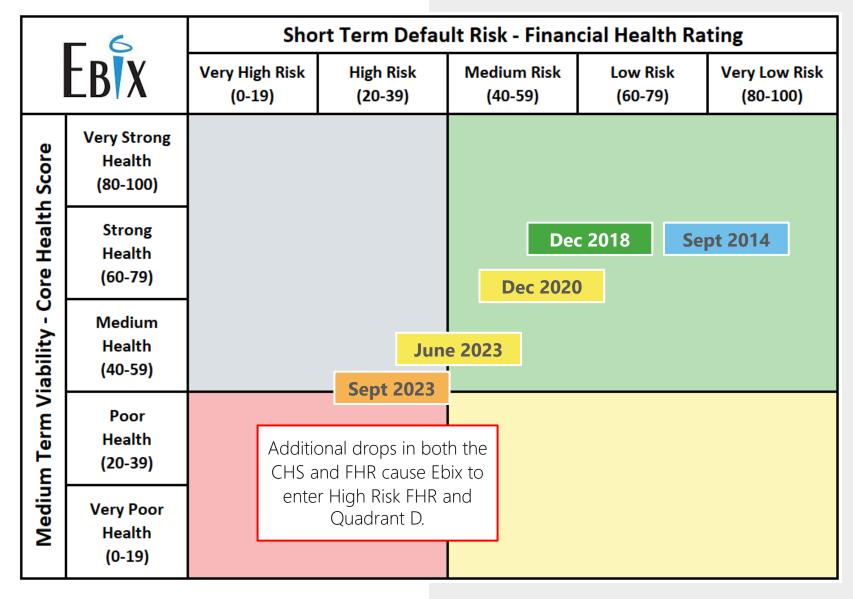


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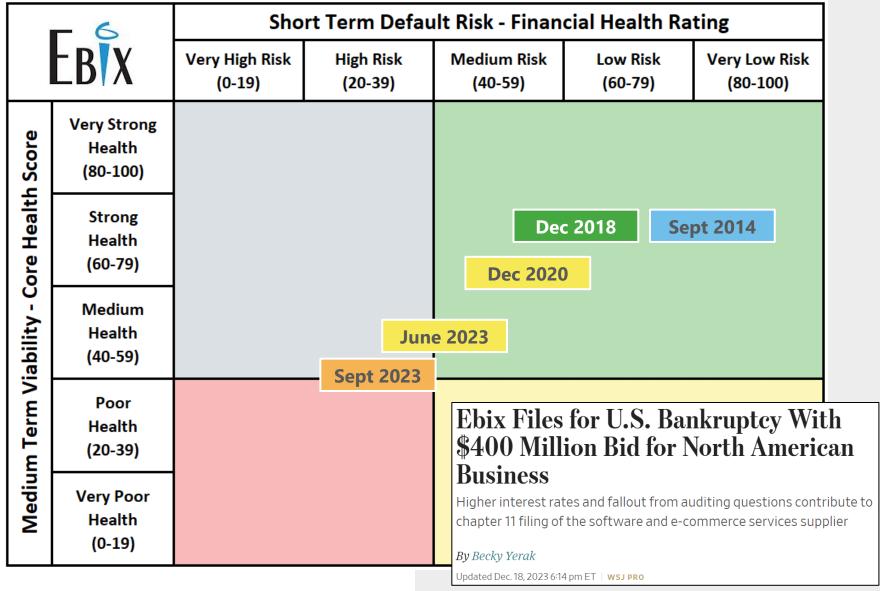














## Fundamental #3 Why is the risk what it is?



## **FHR Report**

In-depth analysis of a supplier's financial performance.

#### **Includes:**

- Narrative and graphical analysis focused on the factors impacting a company's financial health.
- Includes analysis of What We Like and What We Don't Like
- Trend analysis on the company's risk profile over time.



FHR is a 36. Should I be concerned?

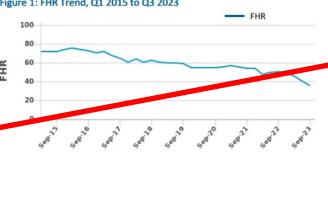


#### Ebix Inc

#### High default risk, with medium Core Health.

Our View: Ebix Inc's Financial Health Rating (FHR) was an unimpressive 36 (0=worst, 100=best) for the four quarters ending September 30, 2023, and represents a 15 point downgrade as compared to a year earlier. This rating lowers the company to the top half of our High Risk group, with an estimated probability of default of 1.41% over the next 12 months. This FHR and the default risk level are the result of Medium Core Health and current weakness in leverage and liquidity.

Figure 1: FHR Trend, Q1 2015 to Q3 2023



#### The FHR® Report

#### **Corporate Risk Analysis**

Financial Period: Sep 30, 2023, (fiscal Q3 2023) FHR Release Date: November 16, 2023

Ticker: EBIXQ

Sector: Computer Technology

Address: 5 Concourse Parkway, Suite 3200, Atlanta,

GA GA 30328, United States.

FHR: 36

Risk Level: High Risk

Estimated Probability of Default: 1.41%

Annual Delta: -15 rating points Core Health: 43 (Medium Health)

#### Table 1: Key Data and Ratio (USD M)

Rating Data	2021	2022	Q3 2023
Financial Health Rating	54	49	36
Core Health Score	59	62	42
Simulated FHR	54	49	36
ata and Ratios	2021	2022	Q3 2023
Total Assets (M)	1,573.25	1,537.56	1,561.99
Total Liabilities (M)	873.70	878.12	910.45
Total Revenues (M)	994.94	1,050.15	735.63
Operating Profit (M)	119.01	120.34	109.92
Total Rev / Total Asset	0.63	0.68	0.47
Op Profit / Total Rev (%)	11.96	11.46	14.94
Op Profit / Interest Exp	2.88	2.19	1.19
FCF / Total Debt	0.09	0.09	0.03
ROCE (%)	8.74	9.20	8.56



## Fundamental #3 Why is the risk what it is?

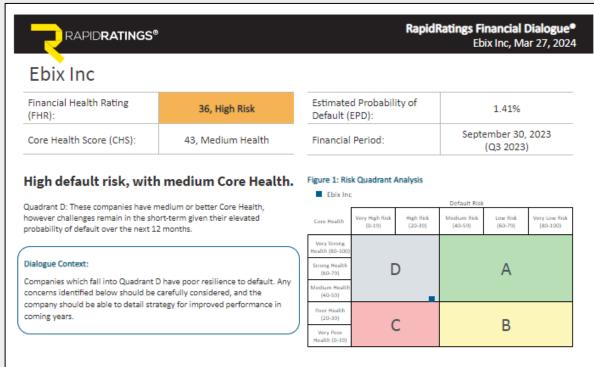
## **Financial Dialogue**



Takes the guesswork out of the research needed to have an effective conversation with a supplier.

#### **Includes:**

- Focused on the Top 5 financial strengths and weaknesses
- Priority discussion points and questions to ask related to the most critical financial issues.
- Insights on how financial ratios impact their business.
- Identify supplier strategies for addressing and resolving the financial weaknesses.



#### Section 1: Priority Items for Financial Review

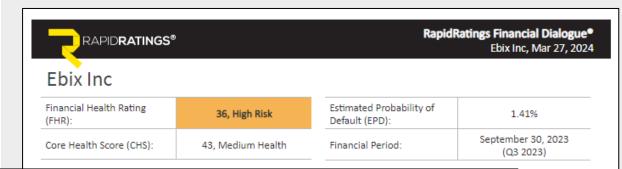
Table 1 below presents the prioritized review items and recommended questions based on our analysis of the financial statements ending 09/30/2023.

s of	Concern (5)	
	Leverage: The company has a significant level of debt at \$632 M, which is 40% of total assets. Do you expect to maintain this level of leverage for the next 12 months?	See Page 2
	Working Capital: The company's Current Ratio is 0.41x, and this is down on last period (0.46x). What is your target Current Ratio and will you reach this level of working capital in the next 12 months?	See Page 3
	Debt Maturity: The company has \$632 M of current debt that needs to be refinanced. How do you plan on refinancing this debt?	See Page 4
	Change in Sales: Sales for the trailing 12 months have decreased 30% since the prior year end. What has caused the decline in sales?	See Page 5
5.	Cash Ratio: The company's cash balance (\$71.2 M) is quite low given its current liabilities (\$865 M). Are you comfortable with this cash availability?	See Page 6



## **Financial Dialogue**





See

See

Page 6

Page 2

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#### **Section 1: Priority Items for Financial Review**

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  Page 3
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w Risk Very Low Risk 0-79) (80-100)

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## **Fundamental #4** How does the risk compare to industry peers?

### **Peer Benchmark**



Comparison of a company's Financial Heath against industry peer benchmarks.

#### **Includes:**

- Leverage RapidRatings global coverage of public companies to configure custom peer benchmarks.
- Include private companies in the creation of peer benchmarks.
- Compare individual financial ratios against peers, including sector leaders and laggards.



#### Ebix Inc

#### High default risk, with medium Core Health.

FHR®: 36 Financial Period: Sep 30, 2023, (fiscal Q3 2023)
Risk Level: High Risk FHR Release Date: November 16, 2023
Annual Delta: -15 rating points Ticker: EBINQ
Core Health: 43 (Medium Health) Sector: Global Computer Technology (247 firms)

Table 1: Financial Health Rating (FHR)

Financial buts	2.50	History	Current	Sector	
reasca para	3020	2021	3022	GB 2003	3029
Financial Period End	13/31/3030	12/91/2001	12/31/2022	09/30/2023	13/31/3023*
Financial Health Rating	SE	54	49	*	\$5.9
Annual Delta	n/a	-3	-5	-15	-0.3
Core Health Score	60	99	62	49	39.3
Simulated FHR	\$7	54	69	26	55.9

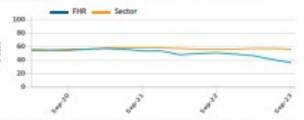
Medium Risk (40 - 99)

\* 13/31/38 represents the most frequent period and date current for companies in the sector

Were Low Risk (80 - 100)

#### Figure 1: FHR Trend, YE 2020 to Q3 2023

Ebix Inc's Financial Health Rating (FHR) was an unimpressive 36 (0-worst, 100-best) for the four quarters ending September 30, 2023, and represents a 15 point downgrade as compared to a year earlier.



Ebix Inc is currently rated lower than the global sector average at 36 compared to 55.9. The orange line in Figure 1 represents the equal weighted average for the peer group.

#### Section 1: Ebix Inc's Peer Ratio Analysis

Table 2: Financial Ratios

Financial ratios	2020	2021	2022	Q3 2023	Sector
Profitability Ratios					
Gross Profit Margin (%)	45.13	29.30	31.29	46.99	27.41
Sales to Assets Ratio	0.40	0.63	0.68	0.47	0.81
Beturn on Assets (%)	5.88	4.33	4.20	0.32	2.73
Liquidity Ratios					il same
Current Ratio	1.89	1.79	0.46	0.41	1.89
Quick Ratio	1.89	1.66	0.18	0.33	1.32
Cash Ratio	0.55	0.49	0.13	0.08	0.53
Leverage Ratios					
Debt to Equity Ratio	1.08	0.94	0.98	0.97	0.19
Operating Profit to Interest Expense  x	3.98	2.88	2.19	1.19	4.97
Total Debt to Total Assets (%)	45.40	41.97	42.30	42.45	13.56
Turnover Ratios					
Inventory Days	n/a	n/a	n/a	n/a	90.08
Payable Days	n/a	36.49	45.00	29.46	62.08
Receivable Days	86.09	56.85	55.18	81.78	65.82
Other Ratios					2.7
Cash From Ops / Short-Term Debt	2.44	1.92	0.12	n/a	1.15
Capital Ex/Cash From Ops	0.00	0.00	0.00	n/a	n/a

#### **FHRx**

# Third Party & Supply Chain Defense Solution

The FHR Exchange™ is a secure membership platform where businesses can share and access financial health information to protect their supply chain and find opportunities to grow their business.





#### **FHR**

Financial Health Ratings for All Critical & High Spend Suppliers



#### HealthMark

Risk Scores for Long-Tail & Non-Critical Suppliers

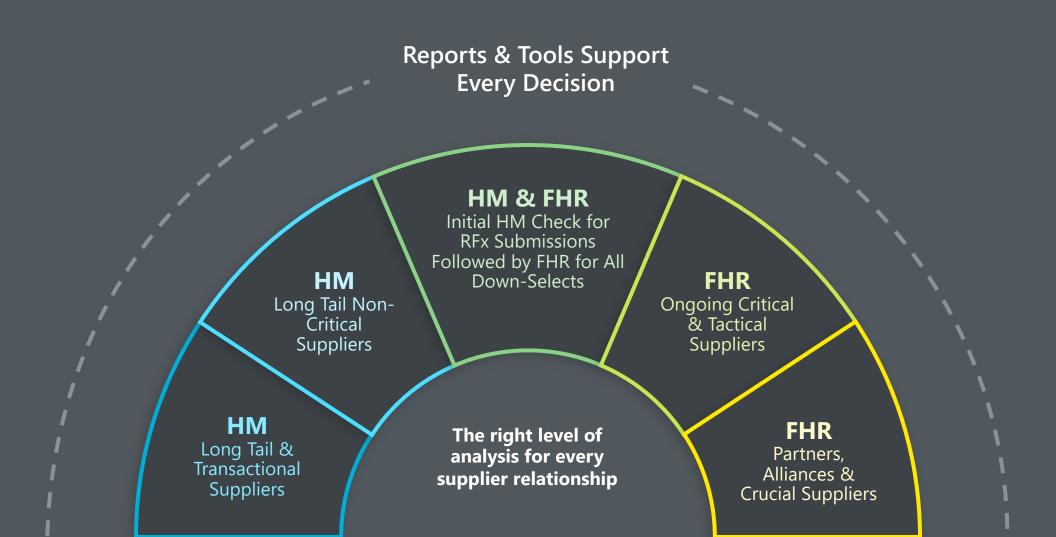


#### Reporting

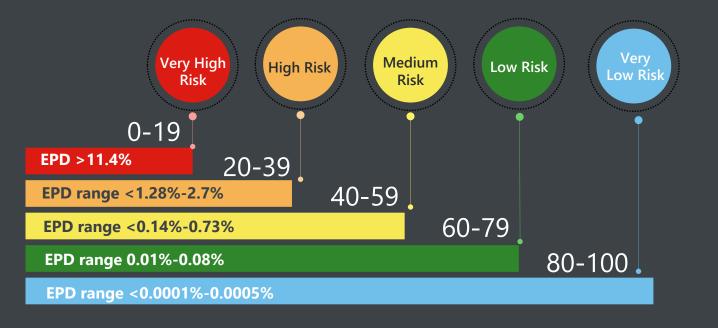
Data, Visualization & Tools to Support Risk Management Decisions

## Precise & Agile

## **Third Party - Financial Risk Management**



## The FHR® Reveal Risk and Resiliency



Million Years of Financial Data

**73 Ratios Test Core** Health and Financial Resiliency

#### **Predictive**

Analysis of balance sheet, income statement and cash flow

#### **Accurate**

Measures operational efficiency and competitiveness

#### Proven

**Industry Models** Detects default risk in companies

### Private Company Financial Statements

Assessing private companies is an age-old problem. The speedbumps include:

- Obtaining financial statements from private companies globally
- Receiving up-to-date financial information consistently and at scale
- Understanding the financial data behind the companies
- Operationalizing the results into workflows

#### Solution:

## Network Outreach & FHR Exchange



Partner with RapidRatings to define **customer messaging** 



RapidRatings **obtains financials** from suppliers



RapidRatings QA's the financials and **generates the FHR** 



RapidRatings updates financials and the FHR for **on-going monitoring.** 





## Introducing HealthMark™

## What if you had immediate access to quality financial risk data on ANY private company you need?

- Quickly triage your entire supply chain and prioritize the right relationships for deeper analysis
- Comprehensive coverage AND immediate access of 100 million private companies with viability information across the risk spectrum
- Transparency into score input builds confidence in the accuracy of risk prediction



## HealthMark™

#### Instantaneous and widely accessible measure of financial viability

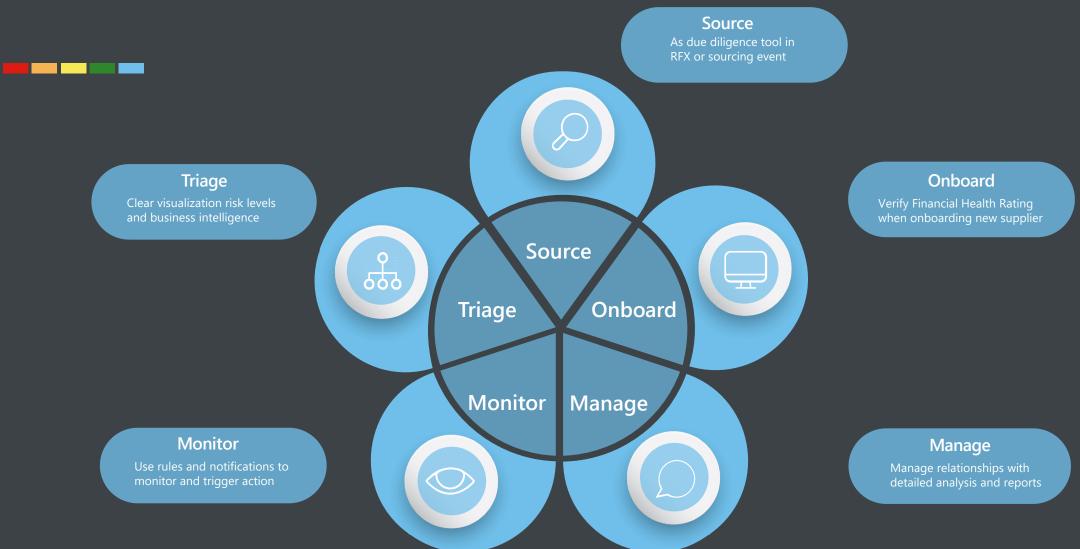




Data Depth is Substantial

We have used selected financial data to estimate risk. This is the most reliable estimation of risk in the absence of full financial data.

## Integrate Financial Health into Your TPRM Workflow



## **API Suite Modules**

RapidRatings' API suite enables businesses to pull our data directly into SAP Ariba Suite/Modules such as ERP, Sourcing, MDG Cloud, or internal Data Lakes or databases



Access your ratings portfolio and RapidRatings public company

Portfolio Health



Initiate and track progress on your Financial Health Rating request

FHR® Request



Build custom risk analysis processes with public and private company data.

Financial Analysis



Generate instant FHRs for your counterparties across one or more financial periods.

FHR® Generator



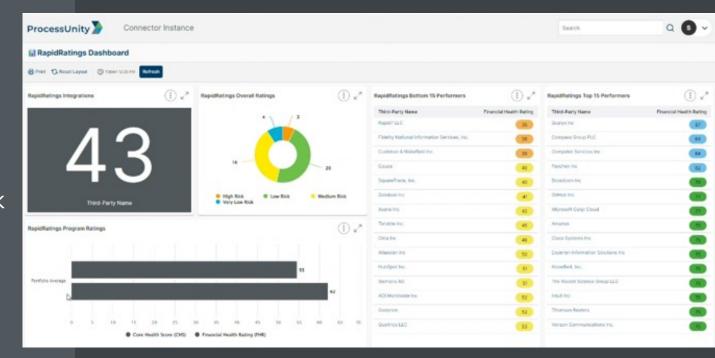
Access instant HealthMarks for over 100 million private companies worldwide

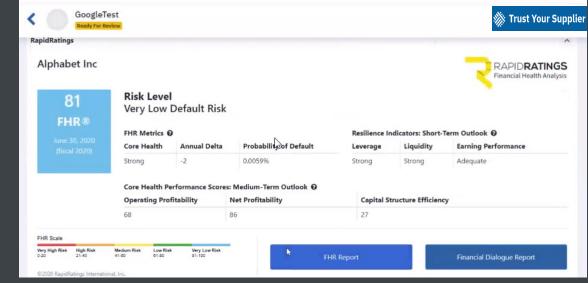
**HealthMark**®



## Prebuilt API Integrations: Third Party Risk Platforms

- RR clients can access 15 financial health key risk
   indicators for their portfolio of rated suppliers
- Leverage Vendor Master List in Platform
- In-depth analysis: "what we like or don't like"
- Financial conversation guides to foster better dialogue with your vendor or supplier
- Compare vendor against their industry sector







## Healthmarks



## **Other Platforms**

Procurement / P2P / S2P

Supply Chain Risk Mgmt

Spend Analytics



Thank you! Any Questions?

TPRA Summit Offer: Reach out for Free FHR report set on a public co. supplier

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