#### Software publishing

Marché Libre

# Mandrakesoft

#### The rising star of the Linux Market

Share price and volume trend, 2002-2004

#### SUMMARY •

Mandrakesoft, the publisher of the Mandrakelinux platform, is one of the three global players in Linux operating systems and ranks third in revenues behind Red Hat (the clear leader) and Suse (recently acquired by Novell). After three difficult years, the Linux market strong growth outlook and limited number of international competitors should enable Mandrakesoft to benefit from corporate, individual user and government interest in Linux solutions. This stock is one of the few Linux growth plays and the only Linux vehicle in Europe.



Mandrakesoft

#### May, 20 th 2004

#### Stock Price : 4,15 €

Market cap: 19,7 m Number of shares : 4,753,906 titres Average volume (6 months) : 18,930 shares Stock price range (12 months) 4.60 / 2.39 Share turnover (6 months) : 61.9 % Free float : 83.1 % Code ISIN : FR 0004159382

Financial highlights Enterprise Value €20m EV/S Cours (en EUR) €0.3m FY 2004 H1 revenue growth +20% H1 net profit €0.3m 150 FY 2003 1.00 Revenues €3.9m Net profit -€2.0m

#### OVERVIEW •

Strengths	Weaknesses			
• Expanded float and substantial trad-	•Limited partnerships with major soft-			
ing volumes.	ware companies and manufacturers.			
Renewed profitability in H1 2004.	•Financial structure remains strained			
Mandrakesoft is the only European	with negative equity.			
Linux publisher.				
Opportunities	Threats			
Major corporations and government	•Mandrake brand litigation could im-			
agencies seek an alternative to Micro-	pact the group's reputation given user			
soft.	attachment to the brand.			
	•Legal risks if software becomes paten-			
<ul> <li>Mandrakelinux installed base of 4m</li> </ul>				
<ul> <li>Mandrakelinux installed base of 4m users (Mandrakesoft estimate).</li> </ul>	table in Europe.			

After FY 2003's more than 16 % slide in revenues, Mandrakesoft reported a 20 % increase in H1 2004 sales to €2.5m, which should lead to annual revenues in the €4m-6m range. The group has also returned to profitability after four years in the red, with operating profit of €0.2m reflecting a margin of 7.9%. Despite its listing on an unregulated market, Mandrakesoft continues to emphasize transparency by regularly reporting financial results. The group also foresees a transfer to the Euronext Nouveau Marché by the end of the year.



## **EuroLand Finance**

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#### Mandrakesoft

#### **BUSINESS** •

Linux is an operating system based on Open Source software. Open Source includes the underlying source code (i.e., the programming "nuts and bolts"), thereby encouraging duplication as well as improvement, modification and localization through direct user input. This strong association of clients, users and software companies in the R&D process greatly reduces product R&D costs. Mandrakesoft has 1,000 contributors who donate their time to the development of its products, in exchange receiving free access to software applications and source code. Linux and Open Source software are used in numerous areas : Internet / Intranet, corporate networks, super-computing, embedded systems, retail/ agency networks, etc.

Launched via the internet in 1998 by a group of young Linux enthusiasts, Mandrakesoft has become an international reference in the Linux field. Its Mandrakelinux distribution is a turnkey solution encompassing an operating system and numerous applications accessible in 68 languages. Mandrakesoft's products are recognized for their quality and innovation and have received numerous awards.

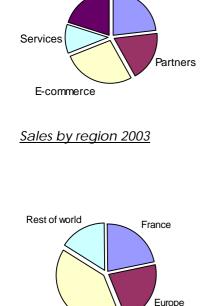
The group's business is being helped by the strategy of industry giants such as IBM and HP who are increasingly offering Linux-based solutions. Government agencies have also come out in favor of Open Source software as a means of severing dependence on Microsoft. Mandrakesoft's business model was initially founded on CD-Rom sales of complete versions of Mandrakelinux at an attractive price. With a light version of Mandrakelinux available for free download via the web, few users purchased the CD-Rom, despite the substantial time savings relative to the download (which could take days using a standard 56k modem). Widespread availability of broadband access quickly highlighted the weaknesses of the group's previous approach.

Today, Mandrakesoft's business model emphasizes the development of services, a sharp increase in Mandrakeclub subscriptions and greater penetration of the enterprise market. The group also aims at boosting royalty payments from partners who integrate the Mandrakelinux solution. Retail distribution of CD-Rom packs and online sales will both account for an increasingly marginal portion of revenues in the future.

#### NOTEWORTHY ITEMS

Mandrakesoft experienced a period of turmoil following the recruitment of an expensive management team (subsequent to the entry of financial investors) that shifted the focus away from the core business and quickly burned through the €22m raised since 1999. The elimination of part of this team and a renewed emphasis on core strengths helped reduce losses, but liquidity problems forced Mandrakesoft to seek bankruptcy protection in January 2003. During the ensuing recovery period, the group was able to withdraw from certain contracts that were generating unnecessary costs. Substantial effort was employed to complete the core refocus and to reduce fixed costs in order to hike margins. These steps led to a return to profitability by the end of 2003.

In March 2004, Mandrakesoft emerged from bankruptcy having negotiated repayment of its liabilities over a nine-year period without interest. These liabilities include  $\in$ 3.3m in outstanding debt and  $\in$ 5.4m of creditor claims (o/w  $\in$ 4.6m is related to ongoing litigation involving the use of the Mandrake brand). Regarding the latter amount, the Commercial Court anticipated a potential debt of  $\in$ 0.8m.



**Revenue breakdown** 

Retail

Sales by activity 2003

Users club

North America

#### STRATEGIC OUTLOOK

Mandrakesoft will target continued growth by capitalizing on its reputation, its position as one of the three leading Linux solution providers and its unique role as the only European Linux specialist. Its near-term strategy takes a dual approach:

The group will seek to develop its services (support, training, product customization to user needs) in order to generate recurrent revenue streams via annual or multiyear service contracts. Mandrakesoft hopes to proceed through acquisitions that can rapidly bring the operational teams necessary to meet the needs of major accounts. The group is now considering a number of targets that would be acquired through share swaps.

MandrakeClub will be emphasized as a means of rapidly boosting margins. Club subscribers can download the latest versions of Mandrakelinux prior to general release and have access to numerous online services. The subscriber base now includes 17,000 individual users (for an annual subscription cost of between €60 and €120) and 30-40 companies (annual fee of between €2,500 and €30,000). The growth potential here is substantial considering the 250,000 subscribers to the group's newsletter and an estimated 4m users of Mandrakelinux.

#### FINANCIAL OUTLOOK

After suffering substantial losses as a result of its unwieldy cost structure, Mandrakesoft has continued to slash costs pursuant to the core refocusing begun in April 2001. The group has returned to profitability since the final quarter of 2003. In the first half of fiscal 2004 (October-March 2004), Mandrakesoft recorded revenue growth of 20 % and net profit of €0.3m. Customer concerns have eased since the emergence from bankruptcy. Acceleration in subscriber numbers will be reflected by a sharp improvement in the operating margin owing to the near 100 % gross margin generated by this activity. The Linux market is projected to grow by 25 % per year through 2007 according to IDC.

Equity remains negative, but will nevertheless improve during 2004 thanks to the exercise of warrants that raised €2.28m. The group will also benefit from its debt rescheduling over a nine-year period, which could be reduced in the event of early repayment.

Red Hat, the only comparable Linux pure play, trades on a 2004 P/S of 31x, a 2005 P/S of 22x and a 2005 P/E of 107x, compared to respectively 5.2x, 3x and 30x for Mandrakesoft, according to our estimates. Mandrakesoft as a smaller challenger clearly does not enjoy the same valuation levels. At the current share price, the market is not discounting the impact on profitability from exceeding breakeven (fixed cost structure), forecast growth for the Linux market (further offsetting the group's structural costs), or the desire of government agencies to promote Linux (directly benefiting Mandrakesoft as the sole European player). The current discount to its direct competitor is excessive, particularly as both groups are facing the same type of legal challenges.

#### PRACTICAL INFORMATIONS •

#### Shareholder structure

Jacques Le Marois (cofounder) 10.07 % André Jolivet (business angel) 8.44 % **Millenium Partners** 7.91 % FCPR BBS Capital 7.03 % Windhurst 6.55 % Frédéric Bastok (cofounder) 5.61 % François Bancilhon 3.86 % Gaël Duval (cofounder) 3.02 % lliad 2.33 % 45.18 % Other

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#### SUMMARY ACCOUNTS AND FORECASTS Fiscal Year to September En K€ 2001 2002 2003 2004F 2005F Revenues 3 557 4 673 3 901 5 383 6913 + + Operating profit -13 378 -5 726 -2 167 530 931 Strong anticipated growth Net interest income 192 141 47 114 41 driven by increase in subs-- 407 criptions and services Exceptionals - 495 83 40 0 Goodwill amortization 0 0 0 0 0 -1 987 Net attributed profit -13 595 -6 108 653 977 Fixed assets 874 618 420 390 400 O/w goodwill 0 0 0 0 0 Current assets 1 083 863 628 865 1 1 1 1 4 0 3 0 604 247 4 515 5 431 Net cash Equity still negative **Total assets** 5 987 2 085 1 295 5 769 6 942 but improving Shareholders equity 1 888 -3 874 -5 776 -2 840 -1 994 Loans and other debt 133 375 720 720 🚽 640 Operating debt 2 225 4 080 5 215 6 753 7 160 Cash flow -13 000 -6 114 -2 219 833 1 167 Financial debt essentially Change in WCR -1 088 -2 049 -1 390 -1 302 - 161 consists of government R&D 362 - 34 - 69 150 200 Capex loans which are going to be forgiven -12 274 -4 031 - 760 1 985 **Free Cash Flows** 1 127 Operating margin 9,8% 🔻 13,5% ns ns ns 14,1% Net margin 12,1% ns ns ns + + 157,7% Strong rise in profitability thanks **Return on equity** ns 34,4% ns ns to better coverage of fixed Net gearing -206,4% ns ns ns ns costs and robust growth in very Average employees 113 82 59 56 70 high margin Club subscriptions. Staff costs / Sales 226,6% 102.0% 80,6% 46,5% 46,0% EPS (in €) -4,81 -1,78 -0,54 0,18 0,27 Source : Euroland Finance

#### PEER GROUP COMPARAISON

Streamlining following departure

of management team

2003 Data (K€)	Market Cap	EV	S	EBITA	Net profit	EV/S	EV/EBITA	PER	Average employees
Red Hat (2004/02)	3938 135	3866 696	126 100	2 745	11 964	30,7	ns	ns	nc
Novell (2003/10)	3200 381	2563 218	982 663	-24 731	-143 915	2,6	ns	ns	nc
Peer group average	3569 258	3214 957	554 382	-10 993	-65 975	16,6	ns	ns	ns
Mandrakesoft (2003/09)	19 717	20 190	3 901	-2 167	-1 987	5,2	ns	ns	56

Mandrakesoft Crandrakesoft

High net margin linked to posi-

tive net cash and tax credits

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