# **VNC Group Limited**

**Report and Financial Statements** 

31 December 2012

30/09/2013 **COMPANIES HOUSE** 

### **Directors**

A C Harter

A Hopper

T J Richardson

# Secretary

T McGuire

# **Auditors**

Ernst & Young LLP One Cambridge Business Park Cowley Road Cambridge CB4 OWZ

### **Bankers**

Barclays Plc 28 Chesterton Road Cambridge CB4 3AZ

# **Solicitors**

Taylor Vinters Merlin Place Milton Road Cambridge CB4 0DP

# **Registered Office**

Betjeman House 104 Hills Road Cambridge CB2 1LQ Registered No 05822974

# **Directors' report**

The directors present their report and financial statements for the year ended 31 December 2012

### Principal activities

The company's principal activities during the year continued to be software development, licensing, support and sales

#### Results and dividends

The group profit for the year after taxation amounted to £1,638,793 (2011 – profit of £6,441,685) The directors do not recommend a final dividend (2011 – £ $n_1$ l)

The group's key financial and other performance indicators over the past 3 years were as follows

	2012	2011	2010
	£000	£000	£000
Turnover	6,561	12,784	5,117
Profit on ordinary activities before taxation	909	7,529	1,054
Profit for the financial year	1,639	6,442	1,187
Shareholders' funds	12,148	10,509	4,065

#### **Business review**

During the year the group has produced a set of strong business results with strong cash reserves. These results have been achieved by delivering high-quality software solutions at a compelling price point, together with further development of the OEM licensing business and strategic partnerships and collaborations.

### **Developments**

The group continued to significantly reinvest profits into internal R&D for specific new strategic product areas, including mobile, hosted services and automotive

#### Risks

Revenue is strongly international, which exposes the group to general global economic uncertainties and exchange rate fluctuations

#### **Events since the balance sheet date**

There have been no material events since the balance sheet date

# Going concern

The company has access to considerable financial resources and as a result the directors believe that the company is well placed to manage its business risks successfully despite the current uncertain economic outlook

The directors have a reasonable expectation that the company has adequate resources to continue in operational existence in the foreseeable future. Accordingly, the company continues to adopt the going concern basis in preparing its financial statements.

# **Directors' report (continued)**

### **Directors**

The directors who served the company during the year were as follows

Dr A C Harter Professor A Hopper T J Richardson

# Disclosure of information to the auditors

So far as each person who was a director at the date of approving this report is aware, there is no relevant audit information, being information needed by the auditor in connection with preparing its report, of which the auditor is unaware. Having made enquiries of fellow directors and the group's auditor, each director has taken all the steps that he is obliged to take as a director in order to make himself aware of any relevant audit information and to establish that the auditor is aware of that information

# **Auditors**

A resolution to reappoint Ernst & Young LLP as auditors will be put to the members at the Annual General Meeting

On behalf of the Board

27 9 13

Dr A C Harter

Director

Date

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# Statement of directors' responsibilities

The directors are responsible for preparing the annual report and the financial statements in accordance with applicable law and regulations

Company law requires the directors to prepare financial statements for each financial year. Under that law the directors have elected to prepare the financial statements in accordance with United Kingdom. Generally Accepted Accounting Practice (United Kingdom Accounting Standards and applicable law). Under company law the directors must not approve the financial statements unless they are satisfied that they give a true and fair view of the state of affairs of the group and company and of the profit or loss of the group for that period. In preparing these financial statements, the directors are required to

- select suitable accounting policies and then apply them consistently,
- make judgments and estimates that are reasonable and prudent,
- state whether applicable UK Accounting Standards have been followed, subject to any material departures disclosed and explained in the financial statements, and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the company will continue in business

The directors are responsible for keeping adequate accounting records that are sufficient to show and explain the group and company's transactions and disclose with reasonable accuracy at any time the financial position of the group and company and enable them to ensure that the financial statements comply with the Companies Act 2006. They are also responsible for safeguarding the assets of the group and company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

# Independent auditors' report

to the members of VNC Group Limited

We have audited the financial statements of VNC Group Limited for the year ended 31 December 2012 which comprise the Consolidated Profit and Loss Account, the Consolidated and Parent Company Balance Sheet, the Group Statement of Cash Flows and the related notes 1 to 22 The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice)

This report is made solely to the company's members, as a body, in accordance with Chapter 3 of Part 16 of the Companies Act 2006. Our audit work has been undertaken so that we might state to the company's members those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the company and the company's members as a body, for our audit work, for this report, or for the opinions we have formed

### Respective responsibilities of directors and auditor

As explained more fully in the Directors' Responsibilities Statement set out on page 4, the directors are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view. Our responsibility is to audit and express an opinion on the financial statements in accordance with applicable law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's Ethical Standards for Auditors.

### Scope of the audit of the financial statements

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of whether the accounting policies are appropriate to group's and the parent undertaking's circumstances and have been consistently applied and adequately disclosed, the reasonableness of significant accounting estimates made by the directors, and the overall presentation of the financial statements. In addition, we read all the financial and non-financial information in the Report and Financial Statements to identify material inconsistencies with the audited financial statements. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

### Opinion on the financial statements

In our opinion the financial statements

- give a true and fair view of the state of the group's and parent undertaking's affairs as at 31 December 2012 and of the group's profit for the year then ended,
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice, and
- have been prepared in accordance with the requirements of the Companies Act 2006

# Opinion on other matter prescribed by the Companies Act 2006

In our opinion the information given in the Directors' Report for the financial year for which the financial statements are prepared is consistent with the financial statements

# Independent auditors' report (continued)

to the members of VNC Group Limited

### Matters on which we are required to report by exception

We have nothing to report in respect of the following matters where the Companies Act 2006 requires us to report to you if, in our opinion

- adequate accounting records have not been kept by the parent undertaking, or returns adequate for our audit have not been received from branches not visited by us, or
- the parent undertaking financial statements are not in agreement with the accounting records and returns, or
- certain disclosures of directors' remuneration specified by law are not made, or
- we have not received all the information and explanations we require for our audit

Tony McCartney (Senior Statutory Auditor)

Erst & You Lis

For and on behalf of Ernst & Young LLP (Statutory Auditor)

Cambridge

Date 27/9/13.

# **Consolidated Profit and loss account**

for the year ended 31 December 2012

		2012	2011
	Notes	£	£
Turnover	2	6,561,584	12,784,394
Cost of sales		(178,731)	(153,992)
Gross Profit		6,382,853	12,630,402
Administrative expenses		(5,667,427)	(5,198,612)
Operating Profit	3	715,426	7,431,790
Interest receivable and similar income	6	193,493	97,444
Profit on ordinary activities before taxation		908,919	7,529,234
Tax	7	729,874	(1,087,549)
Profit for the financial year		1,638,793	6,441,685

There are no other recognised gains or losses for the period other than the profit and loss account

# **Consolidated Balance Sheet**

at 31 December 2012

		2012	2011
	Notes	£	£
Fixed assets			
Intangible assets	9	8,240	8,240
Tangible assets	10	189,555	112,793
Investments	11	157,693	157,693
		355,488	278,726
Current assets			
Debtors	12	1,895,435	1,292,007
Cash at bank and in hand		10,909,815	10,919,220
		12,805,250	12,211,227
Creditors: amounts falling due within one year	13	(980,560)	(1,707,532)
Net current assets		11,824,690	10,503,695
Total assets less current liabilities		12,180,178	10,782,421
Creditors. amounts falling due after more than one year	14	(20,962)	(263,986)
Provisions for liabilities	15	(10,985)	(9,494)
Net assets		12,148,231	10,508,941
Capital and reserves			
Called up share capital	16	5,464	5,458
Share premium	17	4,055	3,565
Profit and loss account	17	12,138,712	10,499,918
Shareholders' funds		12,148,231	10,508,941

These report and financial statements were approved by the directors and authorised for issue on 27 September 2013 and are signed on their behalf by

Dr A C Harter

Director

Date

27 /9/13

# **Parent Company Balance Sheet**

at 31 December 2012

		2012	2011
	Notes	£	£
Fixed assets			
Investments	11	5,334	5,334
	••	3,334	3,334
Current assets			
Debtors	12	4,185	3,689
Total assets		9,519	9,023
Capital and reserves			
Called up share capital	16	5,464	5,458
Share premium	17	4,055	3,565
Shareholders' funds		9,519	9,023

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Dr A C Harter

Director

Date

27 9 13

# **Consolidated Group Cash Flow Statement**

for the year ended 31 December 2012

		2012	2011
	Note	£	£
Cash flow from operating activities			
Profit for the year		1,638,793	6,441,685
Income tax	7	(729,874)	1,087,549
Net finance revenue		(193,493)	(97,444)
Depreciation of property, plant and equipment		68,938	22,558
Payments of income tax		(551,354)	-
Changes in working capital			
Trade and other receivables		(357,278)	(268,101)
Trade and other payables		66,574	112,457
Net cash (used in)/generated from operating activities		(57,694)	7,298,704
Cash flows from investing activities			
Purchase of property, plant and equipment		(145,700)	(135,351)
Proceeds from sales of shares		496	1,852
Interest received		193,493	97,444
Net cash used in investing activities		48,289	(36,055)
Net (decrease)/ıncrease in cash and cash equivalents	-	(9,405)	7,262,649
Opening cash and cash equivalents		10,919,220	3,656,571
Closing cash and cash equivalents	i	10,909,815	10,919,220

at 31 December 2012

### 1. Accounting policies

#### Basis of preparation

The financial statements are prepared under the historical cost convention and in accordance with United Kingdom Generally Accepted Accounting Principles

The principle accounting policies have been applied consistently throughout the year and preceding year

#### Basis of consolidation

The Group financial statements are made up to 31 December 2012 and consolidate the financial statements of VNC Group Limited and RealVNC Limited No profit and loss account is presented for VNC Group Limited as permitted by section 408 of the Companies Act 2006

Entities, other than subsidiary undertakings or joint ventures, in which the Group has a participating interest and over whose operating and financial policies the group exercises a significant influence are treated as associates. In the Group financial statements, associates are accounted for using the equity method.

#### Going concern

The company has access to considerable financial resources and as a result the directors believe that the company is well placed to manage its business risks successfully despite the current uncertain economic outlook

The directors have a reasonable expectation that the company has adequate resources to continue in operational existence in the foreseeable future. Accordingly, the company continues to adopt the going concern basis in preparing its accounts

#### Intangible fixed assets

The recorded intangible asset represents a web site domain name with an indefinite economic life and as such, the asset is not amortised

The carrying value of intangible fixed assets is reviewed for impairment when events or changes in circumstances indicate that the carrying value may not be recoverable

#### Tangible fixed assets

Tangible fixed assets are stated at cost

Depreciation is provided on all tangible fixed assets at the following rates in order to write off each asset over its estimated useful life

Plant and machinery – 331/3% on cost per annum straight-line

Office and computer equipment – 25% per annum straight-line

Computer assets with a cost of less than - £2,000 are written off in the year of expenditure

#### Investments

The carrying values of fixed asset investments are reviewed for impairment when events or changes in circumstances indicate the carrying value may not be recoverable

at 31 December 2012

### 1. Accounting policies (continued)

#### Research and development

Expenditure on research and development is written-off in the year in which it is incurred

#### Revenue recognition

Revenue is recognised in line with the company's ongoing obligations under the licence contracts. Certain licences require a high degree of modification and customisation provided through the maintenance and support services to enable appropriate usage by the customer. Revenue from both the initial licence fees as well as the maintenance and support fees are initially reported as deferred income and is transferred to the profit and loss over the period over which the company is obligated to provide maintenance and support services.

#### Turnover

Turnover represents the sale of software licences and support net of value added tax

#### Deferred taxation

Deferred taxation is recognised in respect of all timing differences that have originated but not reversed at the balance sheet date where transactions or events have occurred at that date that will result in an obligation to pay more, or right to pay less or to receive more, tax, with the following exceptions

- Provision is made for deferred taxation that would arise on remittance of the retained earnings of subsidiaries, associates and joint ventures only to the extent that, at the balance sheet date, dividends have been accrued as receivable
- Deferred tax assets are recognised only to the extent that the directors consider that it is more likely
  than not that there will be suitable taxable profits from which the future reversal of the underlying
  timing differences can be deducted

Deferred tax is measured on an undiscounted basis at the tax rates that are expected to apply in the periods in which timing differences reverse, based on tax rates and laws enacted or substantively enacted at the balance sheet date

#### Foreign currencies

Transactions in foreign currencies are translated into Sterling at the rate of exchange ruling at the date of the transaction. Assets and liabilities in foreign currencies are translated into Sterling at the rates of exchange ruling at the balance sheet date. Exchange differences are taken into account in arriving at the operating result.

#### Operating leases

Rentals applicable to operating leases where substantially all of the benefits and the risks of ownership remain with the lessor, are charged against profit on a straight line basis over the lease term

#### Pensions

The company operates a defined contribution pension scheme Contributions payable to the company's pension scheme are charged to the profit and loss account in the period to which they relate

at 31 December 2012

# 1. Accounting policies (continued)

#### Share-based payments

The cost of equity-settled transactions with employees is measured by reference to the fair value at the date at which they are granted and is recognised as an expense over the vesting period, which ends on the date on which the relevant employees become fully entitled to the award. Fair value is determined by an external valuer using an appropriate pricing model. In valuing equity-settled transactions, no account is taken of any vesting conditions, other than conditions linked to the price of the shares of the company (market conditions).

No expense is recognised for awards that do not ultimately vest, except for awards where vesting is conditional upon a market condition, which are treated as vesting irrespective of whether or not the market condition is satisfied, provided that all other performance conditions are satisfied

#### 2. Turnover

Turnover, which is stated net of value added tax, represents amounts invoiced to third parties and is attributable to one continuing activity, as stated in the directors' report

An analysis of turnover by geographical market is given below

	2012 £	2011 £
UK	462,752	783,504
Non UK sales	6,098,832	12,000,890
	6,561,584	12,784,394

# 3. Operating profit

This is stated after charging

	2012	2011
	£	£
Auditors' remuneration – audit services for Company and Group	1,000	1,000
Auditors' remuneration - audit services for subsidiaries	10,000	9,000
Auditors' remuneration - audit related assurance services	6,300	3,300
Auditors' remuneration - tax compliance services	3,000	3,000
Research and development expenditure	2,990,572	3,178,560
Operating lease rentals - land and buildings	144,187	145,526
Depreciation of owned fixed assets	68,938	22,558
Foreign exchange differences	6,492	69,933
•	<del></del>	·

at 31 December 2012

Directors' remuneration

	2012	2011
	£	£
Remuneration	253,710	248,000

12,270 13,080 Company contributions paid to defined contribution pension schemes

No No

Members of defined contribution pension schemes

The aggregate remuneration of the highest paid director was £150,000 (2011 -£150,000) and company pension contributions of £7,200 (2011 - £7,200) were made to a money purchase scheme on his behalf None of the directors received or exercised share options for qualifying services in the current or prior

The above remuneration is paid by RealVNC Limited

#### 5. Staff costs

	2012	2011
	£	£
Wages and salaries	3,439,276	3,140,134
Social security costs	412,249	326,886
Other pension costs	147,109	120,217
	3,998,634	3,587,237

The average monthly number of employees during the year was made up as follows

Research and development	50	47
Administrative staff	30	22
	80	69

#### 6.

Interest receivable and similar income		
	2012	2011
	£	£
Interest receivable on monies places on deposit	193,493	97,444

No

No

# at 31 December 2012

# 7. Tax

# (a) Tax on profit on ordinary activities

The tax charge is made up as follows.

	2012	2011
	£	£
Current Tax		
UK Corporation Tax on profits of the period	(698,337)	1,078,055
Adjustments in respect of prior periods	(34,382)	-
Foreign Tax	1,354	
	(731,365)	1,078,055
Deferred Tax		
Originating and reversal of timing differences (Note 14)	1,825	9,494
Effect of changes in tax rate on opening liability	(334)	<u> </u>
Tax on profit on ordinary activities	(729,874)	1,087,549

# (b) Factors affecting current tax charge

The tax assessed on the profit on ordinary activities for the period differs from the standard rate of corporation tax in the UK of  $24\,50\%$  ( $2011-26\,50\%$ ) The differences are reconciled below

	2012	2011
	£	£
Profit on ordinary activities before tax	908,919	7,529,234
Profit on ordinary activities multiplied by standard rate of		
Corporation tax in the UK of 24 50% (2011 – 26 50%)	222,685	1,995,247
Effect of		
Expenses not deductible for tax purposes	6,811	1,612
Capital Allowances in excess of depreciation	4,010	(12,218)
Other timing differences	648	(72)
Adjustments in respect of prior periods	(34,382)	_
Higher taxes on overseas earnings	1,354	_
Utilisation of brought forward tax losses	_	(125,027)
Difference in tax rates on losses carried back	(52,534)	_
R&D enhanced deduction	(879,957)	(781,487)
Total Current Tax	(731,365)	1,078,055

at 31 December 2012

# 7. Tax (continued)

# (c) Factors that may affect future tax charges

The main rate of UK corporation tax was reduced from 26% to 24% from 1 April 2012. The Finance Act 2012, enacted in July 2012, reduced further the UK main rate of corporation tax to 23% from 1 April 2013. Deferred tax has been restated accordingly in these financial statements.

Additional changes to the main rate of UK Corporation Tax announced in the budget will reduce the main rate to 20% by 1 April 2015. These changes had not been substantively enacted at the balance sheet date and consequently their effects are not included in these financial statements.

The above changes to the rate of corporation tax may impact the amount of future cash tax payments to be made by the company

# 8. Profit attributable to members of the parent company

The profit dealt with in the financial statements of the parent undertaking is £nil (2011 - £nil)

# 9. Intangible fixed assets

Group	name
	£
Cost	
At 1 January 2012 and 31 December 2012	8,240_
Net book value	
At 1 January 2012 and 31 December 2012	8,240_

The parent undertaking held no intangible fixed assets in the year (2011 - £nil)

Domain

at 31 December 2012

Group	Plant and machinery £	Office and computer equipment £	Total £
Cost or valuation			
At 1 January 2012	10,156	166,614	176,770
Additions	-	145,700	145,700
At 31 December 2012	10,156	312,314	322,470
Depreciation			
At 1 January 2012	10,156	53,821	63,977
Provided during the year		68,938	68,938
At 31 December 2012	10,156	122,759	132,915
Net Book Value			
At 31 December 2012		189,555	189,555
At 1 January 2012		112,793	112,793

The parent undertaking held no tangible fixed assets in the year (2011 - £nil)

# 11. Investments

Group	Associated undertakings
	£
Cost	
At 1 January 2012 and 31 December 2012	200,000
Provisions	
At 1 January 2012 and 31 December 2012	42,307
Net book value	
At 1 January 2012 and 31 December 2012	157,693

The group's investments at the balance sheet date in the share capital of investee companies include the following

	Prop	portion of		
	voti	ing rights	Ca	ountry of
	aı	nd shares Nati	ure of in-	-
Name of company	Holding	held busi	iness co	rporation
	Ordinary	Hıg	h Er	igland and
Adventiq Limited	shares	20 72% tech	ınology W	ales

at 31 December 2012

Parent company		undertakıngs £
Cost		
At 1 January 2012 and 31 December 2012		5,334
The company's investments at the balance sheet date if following	n the share capital of	companies include the
		Proportion of
		voting rights
		and shares Nature of
Name of company	Holding	held business
	Ordinary	
VNC Limited	shares	100% Dormant

Ordinary

shares

# 12. Debtors

RealVNC Limited

Deptois				
				Parent
		Group		Company
	2012	2011	2012	2011
	£	£	£	£
Trade debtors	1,382,405	1,076,011	-	-
Amounts owed by subsidiary undertakings	-	-	4,185	3,689
Other debtors	13,871	6,474	-	_
Prepayments and accrued income	153,009	109,522	-	-
Corporation tax recoverable	246,150	-		
	1,795,435	1,192,007	4,185	3,689
Amounts falling due after more than one year				
Associated company loan	100,000	100,000	_	_
	1,895,435	1,292,007	4,185	3,689
	· · · · · · · · · · · · · · · · · · ·			

Subsidiary

Software

100% and research

publishing

at 31 December 2012

13.	Creditors: amounts falling due within	one year			
	Group	•		2012	2011
				£	£
	Trade creditors			66,218	95,434
	Current corporation tax			-	1,043,055
	Other taxes and social security costs			106,808	101,992
	Other creditors			1,510	7,103
	Accruals and deferred income			803,213	459,786
	Pension creditor			2,811	162
			_	980,560	1,707,532
	The parent undertaking had no creditors in the pe	eriod (2011 – £nil)			
14.	Creditors: amounts falling due after n	nore than one y	year		
	Group			2012	2011
				£	£
	Accruals and deferred income		_	20,962	263,986
15.	Deferred tax				
				,	N. C J. T
				L	Deferred Tax £
					Į.
	At 1 January 2012				9,494
	Profit and Loss account				(5,709)
	Adjustment in respect of prior years				7,200
	At 31 December 2012			•••	10,985
	The provision for deferred tax consists of				
				2012	2011
				£	£
	Accelerated Capital Allowances			11,632	9,535
	Other timing differences			(647)	(41)
	Provision for deferred tax		_	10,985	9,494
16.	Issued share capital				
	Group and Parent company		2012	••	2011
	Allotted, called up and fully paid	No	£	No	£
	Ordinary shares of £0 01 each	546,404	5,464	545,777	5,458

at 31 December 2012

### 17. Movements on reserves

Group	Share capital	Share premium	Profit and loss account
	£	£	£
At I January 2011	5,364	1,807	4,058,234
Share purchase	94	1,758	-
Profit for the financial year			6,441,685
At 1 January 2012	5,458	3,565	10,499,919
Share purchase	6	490	-
Profit for the financial year		-	1,638,793
At 31 December 2012	5,464	4,055	12,138,712

#### Parent company

The change in the parent company share capital and share premium accounts is the same as the group changes above. The increase in ordinary shares relates to the exercise of share options as disclosed in Note 21.

#### 18. Events since the balance sheet date

There have been no material events since the balance sheet

### 19. Pensions

During the year under review the group operated a small self administered pension scheme in respect of the staff and directors. The assets of the scheme are held and managed by an independent pension fund. The pension cost represents contributions payable by the group and amounted to £159,379 (2011 – £120,217). Contributions totalling £2,811 (2011 – £162) were payable to fund at the end of the year and are shown within other creditors.

	2012	2011
	No	No
Members of defined contribution pension schemes	48_	47

#### 20. Other financial commitments

At 31 December 2012 the company had annual commitments under non-cancellable operating leases as set out below

Land and buildings	2012 £	2011 £
Operating leases which expire Within one year	72,094	72,220

at 31 December 2012

# 21. Share-based payments

Share options have been granted in respect of the Ordinary shares issued by the company

The fair value of share-based payments in respect of employee services received during the year to 31 December 2012 is £1,585 (2011 - £3,517) As it is unlikely that the options will vest in the near future no charge has been made in the financial statements

Movements in the number of share options outstanding and their related weighted average exercise prices are as follows

		2012		2011
	Weighted average exercise price £	Number of options	Weighted average exercise price £	Number of options
Outstanding at the beginning of the year	0 71	33,052	0 61	43,706
Granted		-		•
Forfeited	0 79	(2,508)	0 79	(1,254)
Exercised	0 79	(627)	0 197	(9,400)
Lapsed		-		_
Outstanding at the end of the year	0 71	29,917	0 71	33,052
Exercisable at the end of the year	- -	28,310	- -	18,626

Share options outstanding at the end of the year have the following expiry date and exercise prices

Number of options			
2012	2011	Period of options	Price per share
4,200	4,200	10 years	£0 197
25,717	28,852	10 years	£0 79
29,917	33,052		
	2012 4,200 25,717	2012 2011 4,200 4,200 25,717 28,852	Period of options  4,200 4,200 10 years  25,717 28,852 10 years

The options are held by 20 (2011 - 25) directors and employees of the company An exit event, defined as a share sale, an asset sale or a listing will trigger the options

The fair value of options granted is estimated as at the date of grant using a Black-Scholes valuation model, taking into account the terms and conditions upon which the options were granted

at 31 December 2012

# 21. Share-based payments (continued)

The following table lists the inputs to the model used for the options granted on 24 November 2006 and 28 November 2009

Date granted	24 November 2006	28 November 2009
Dividend yield (%)	0	0
Expected share price volatility (%)	40	40
Risk-free interest rate	5 5	10
Expected life of options (years)	10	10
Weighted average share price (£)	0 197	0 79

The volatility measured at the standard deviation of continuously compounded share returns is based on similar valuations for entities of a similar size and nature

# 22. Related party transactions

There has been no trading activity between VNC Group and its subsidiary Real VNC Limited in the period

Within debtors is a loan due from Adventiq Limited, a company in which RealVNC Limited holds 20 72% of the issued share capital. The total amount of interest charged to the financial statements in the year under review amounted to £nil (2011 – £nil)

Real VNC Limited also invoiced Adventiq Ltd on normal commercial terms of £34,483 (2011 – £45,675) in respect of royalties and £44,549 (2011 - £46,169) in respect of subcontracted work. The amount due to RealVNC Limited at the end of the year is £25,957 (2011 – £33,158) and is shown as part of trade debtors