

Company number 4564594

COMPANIES ACT [1985 to] 2006
PRIVATE COMPANY LIMITED BY SHARES
NEW ARTICLES OF ASSOCIATION OF

Microtest Matrices Limited (the "Company")

(Adopted by written resolution on 23rd November 2009 and amended by written resolution on 15th
March 2010 further amended by written resolution on 15 June 2011)

1. PRELIMINARY

1 1 The regulations contained in Table A in the Schedule to the Companies (Tables A to F) Regulations 1985 as amended by the Companies (Tables A to F) (Amendment) Regulations 1985 and as further amended by the Companies Act 1985 (Electronic Communications) Order 2000, the Companies (Tables A to F) (Amendment) Regulations 2007 and the Companies (Tables A to F) (Amendment) (No 2) Regulations 2007 a copy of which is appended to these articles, (such table being hereinafter called "**Table A**") shall apply to the Company save in so far as they are excluded or varied hereby and such regulations (save as so excluded or varied) and the articles hereinafter contained shall be the regulations of the Company

1 2 In these articles the expression,

"Act" means the Companies Act 2006 and every statutory modification or re-enactment thereof for the time being in force

1 3 In these articles references to an Article or Articles are to the relative numbered article(s) of these articles

1 4 The Schedule forms part of these articles and the definitions set out in Schedule 1 shall apply throughout the articles and the Schedules References to paragraphs are to the relative numbered paragraphs of the relevant Schedule

1 5 In the last paragraph of Regulation 1 of Table A, the words "and in articles of association adopting the same" shall be inserted after the word "regulations" in the first line, the words from "but excluding" to "company" shall be deleted and the sentence "Any reference to any statutory provision shall be deemed to include a reference to each and every statutory amendment, modification, re-enactment and extension thereof for the time being in force" shall be inserted at the end of that paragraph



Handwritten signature or mark.

1 6 Regulations 26, 46, 47, 48, 51, 52, 54, 81, 82, 85, 86, 94-98 (inclusive) and 118, and the last sentence of regulation 112, of Table A shall not apply to the Company

2 ALLOTMENT OF SHARES

2 1 In accordance with section 567(1) and (2) of the Act, sections 561(1) and 562(1) to (5) of the Act do not apply to an allotment of equity securities made by the Company

2 2 Unless otherwise agreed by special resolution at general meeting or by written resolution passed in accordance with Chapter 2 of Part 13 of the Companies Act 2006, if the Company proposes to allot any new shares those new shares shall not be allotted to any person unless the Company has in the first instance offered them to all holders of Ordinary Shares on the same terms and at the same price as those new shares are being offered to other persons on a pari passu and pro rata basis to the number of Ordinary Shares held by those holders (as nearly as may be without involving fractions) The offer

2 2 1 shall be in writing giving details of the number and subscription price of the new shares proposed to be issued,

2 2 2 may stipulate that any Shareholder who wishes to subscribe for a number of new shares in excess of the proportion to which each is entitled shall in their acceptance state the number of excess new shares ("**Excess Shares**") for which they wish to subscribe, and

2 2 3 shall stipulate a time period, being not less than 14 days, during which the offer may be accepted and if no acceptance is received by the Company within the time period specified, the relevant Shareholder will be deemed to have declined the offer

2 3 Any new shares not accepted by Shareholders pursuant to the offer made to them in accordance with Article 2 2 shall be used for satisfying any requests for Excess Shares made pursuant to Article 2 2 and in the event that there are insufficient Excess Shares to satisfy such requests, the Excess Shares shall be allotted to the applicants on a pro rata basis to the number of Ordinary Shares held by the applicants immediately prior to the offer made to Shareholders in accordance with Article 2 2 (as nearly as may be without involving fractions or increasing the number allotted to any Shareholder beyond that applied for by him) and after that allotment, any Excess Shares remaining shall be offered, subject to Article 2 5, to any other person as the directors may determine at the same price and on the same terms as the offer to the Shareholders

2 4 Subject to Articles 2 2 and 2 3, any new shares shall be at the disposal of the board who may allot, grant options over or otherwise dispose of them to any persons at those times and generally on the terms and conditions they think proper

2 5 The provisions of Articles 2 2 to 2 4 shall not apply to options to subscribe for Ordinary Shares under an Employee Share Option Plan

3 RETURN OF CAPITAL

On a return of capital on liquidation or otherwise, the surplus assets of the Company remaining after payment of its liabilities shall be applied in payment to each member at such amount as represents the same proportion of the amount available to be returned to members as that member's holding of equity shares bears to the total issued equity share capital (as defined in section 548 of the Act) of the Company

4 LIEN

The lien conferred by regulation 8 in Table A shall attach also to fully paid-up shares, and the Company shall also have a first and paramount lien on all shares, whether fully paid or not, standing registered in the name of any person indebted or under liability to the Company, whether he shall be the sole registered holder thereof or shall be one of two or more joint holders, for all moneys presently payable by him or his estate to the Company Regulation 8 in Table A shall be modified accordingly

5 CALLS

The liability of any member in default in respect of a call shall be increased by the addition at the end of the first sentence of regulation 18 in Table A of the words "and all expenses that have been incurred by the Company by reason of such non-payment"

6 GENERAL MEETING AND RESOLUTIONS

6 1 Every notice convening a general meeting shall comply with the provisions of section 325(1) of the Act as to giving information to members in regard to their right to appoint proxies Notices of and other communications relating to any general meeting which any member is entitled to receive shall be sent to the directors and to the auditors for the time being of the Company

6 2 All business shall be deemed special that is transacted at any general meeting, with the exception of declaring a dividend, the consideration of the accounts, balance sheets, and the reports of the directors and auditors, and the appointment of, and the fixing of the remuneration of, the auditors

6 3 The final sentence of Regulation 38 of Table A shall be modified by the insertion of the words "known by the board of directors to be" after the words "to all persons"

- 6 4 The quorum at any general meeting of the Company shall be two persons present in person or by proxy
- 6 5 If a quorum is not present within half an hour from the time appointed for a general meeting the general meeting shall stand adjourned to the same day in the next week at the same time and place or to such other day and at such other time and place as the directors may determine, and if at the adjourned general meeting a quorum is not present within half an hour from the time appointed therefore such adjourned meeting shall be dissolved
- 6 6 Regulation 41 in Table A shall not apply to the Company
- 6 7 Resolutions under section 168 of the Act for the removal of a director before the expiration of his office and under section 510 of the Act for the removal of an auditor before the expiration of his period of office shall only be considered by the Company in general meeting
- 6 8 Regulation 62 of Table A shall be modified by the substitution in paragraph (a) of the words "at any time" in place of " not less than 48 hours" and by the substitution in paragraph (b) of the words "at any time" in place of " and not less than 24 hours"
- 6 9 A member present at a meeting by proxy shall be entitled to speak at the meeting and in the event of a show of hands be entitled to one vote In any case where the same person is appointed proxy for more than one member he shall in the event of a show of hands have as many votes as the number of members for whom he is proxy A member present at a meeting by more than one proxy shall be entitled to speak at the meeting through each of the proxies but the proxies together shall be entitled to only one vote in the event of a show of hands In the event that the proxies do not reach agreement as to how their vote should be exercised, the voting power is treated as not exercised
- 6 10 A vote at general meeting of the Company shall be conducted on the basis of a poll, and every shareholder who is present in person or by proxy or (being a corporation) is present by a representative or by proxy shall (except as hereinafter provided) have one vote for every Ordinary Share of which he is the holder The poll or polls shall be taken forthwith on the putting of the relevant resolution to the meeting
- 6 11 In accordance with Chapter 2 of Part 13 of the Companies Act 2006 the period which a proposed written resolution lapses can be set at the directors' discretion, but can be no fewer than 14 days and no longer than 28 days

7 SHAREHOLDERS' CONSENTS

7.1 The matters set out at paragraphs 3.1 to 3.28 of Schedule 1 shall not be undertaken without the prior consent of a Majority Group save that such consent shall not be required to implement any of the matters specifically set out in the Business Plan. If a member has appointed an Observer under the provisions of Article 9.9, the Observer will, if so confirmed by the relevant appointor to the Company in writing have the authority to grant or withhold the appointor's consent to the matters covered by this Article. Such authority given by any appointor may be revoked by notice in writing to the Company at any time.

7.2 The Company shall give reasonable notice of a request to seek consent in accordance with Article 7.1 at the same time to all shareholders. For the purposes of this Article, "reasonable" shall mean 14 clear days' notice, however, in the case of emergency or in respect of matters requiring prompt resolution, shorter notice may be given as may be thought appropriate by the directors.

8 PROVISION OF FINANCIAL INFORMATION

8.1 The Company shall issue to all members

8.1.1 copies of the profit and loss account and balance sheet of the Company (whether audited or not) in respect of each financial year as soon as they become available and in any event not later than five months from the end of each accounting reference period, and

8.1.2 if requested by a member the Company shall issue to such member, any other reasonable information relating to the Company, its business and affairs.

9 APPOINTMENT OF DIRECTORS

9.1 Regulation 64 in Table A shall not apply to the Company.

9.2 The maximum and minimum number respectively of the directors may be determined by ordinary resolution in general meeting of the Company. Subject to and in default of any such determination there shall be no maximum number of directors and the minimum number of directors shall be one. Whenever the minimum number of directors shall be one, a sole director shall have authority to exercise all the powers and discretions by Table A and by these articles expressed to be vested in the directors generally, and regulation 89 in Table A shall be modified accordingly.

9.3 Regulation 84 of Table A shall be modified by the deletion of the third and fourth sentences.

9.4 Regulations 76 – 79 (inclusive) in Table A shall not apply to the Company.

9 5 No person shall be appointed a director at any general meeting unless either

9 5 1 he is recommended by the directors, acting reasonably, or

9 5 2 not less than fourteen nor more than thirty-five clear days before the date appointed for the general meeting, a notice signed by a member qualified to vote at the general meeting has been given to the Company of the intention to propose that person for appointment, together with a notice signed by that person of his willingness to be appointed,

9 6 Subject to Article 9 5, the Company may by ordinary resolution in general meeting appoint any person who is willing to act to be a director, either to fill a vacancy or as an additional director

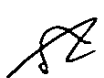
9 7 The Company may by ordinary resolution in general meeting remove any person as a director of the Company

9 8 The directors may appoint a person who is willing to act to be a director, either to fill a vacancy or as an additional director, provided that the appointment does not cause the number of directors to exceed the number determined in accordance with Article 9 2 as the maximum number of directors and for the time being in force, if applicable

9 9 Every member of the Company holding at least 5% of the issued share capital of the Company shall (at their own expense) be entitled to send a representative (who shall be entitled to report to the member on the affairs of the Company) as an observer to attend any meeting of the directors of the Company, including any meeting of a committee of the directors ("**Observer**") The appointor shall give notice to the Company of the appointment of the Observer together with contact details for the purpose of service of notice of board meetings in accordance with Article 15 1 For the avoidance of doubt, this right may not be exercised if the relevant member has already exercised his right to appoint a director of the Company pursuant to paragraph 3 of Schedule 1

9 10 Any relevant member shall, and shall procure that all persons connected with it (including an Observer appointed by it) keep all information relating to the business, affairs and trade secrets of the Company obtained by reason of the Observer's presence at a board meeting or by access to information of the Company (in any format) strictly confidential, save as required by law and save in respect of information that comes into the public domain otherwise than as a consequence of a breach of the provisions of this Article

9 11 An Observer shall be entitled to speak but not vote at board meetings of the directors and shall be entitled to receive all and any papers circulated to directors prior to or during



any board meeting, together with any other financial information reasonably requested by the appointing member in writing

9 12 A notice of appointment or removal of a director pursuant to this Article 9 shall take effect upon lodgement at the office or on delivery to a meeting of the directors or on delivery to the secretary

9 13 Every director appointed pursuant to this Article 9 shall hold office until he is either removed in manner provided by this Article 9 or dies

10 BORROWING POWERS

Subject to Article 7 the directors may exercise all the powers of the Company to borrow money without limit as to amount and upon such terms and in such manner as they think fit, grant any mortgage, charge or standard security over its undertaking, property and uncalled capital, or any part thereof, and to issue debentures, debenture stock, and other securities whether outright or as security for any debt, liability or obligation of the Company or of any third party

11 ALTERNATE DIRECTORS

11 1 An alternate director shall not be entitled by virtue of such appointment only to receive any remuneration from the Company, save that he may be paid by the Company such part (if any) of the remuneration otherwise payable to his appointor as such appointor may by notice in writing to the Company from time to time direct, and the first sentence of regulation 66 in Table A shall be modified accordingly

11 2 A director of the Company shall not be appointed as an alternate director and regulation 65 of Table A shall be modified accordingly Any such other person as is mentioned in regulation 65 of Table A (save for a existing director of the Company) may act as an alternate director and may represent more than one director An alternate director shall be entitled at any meeting of the directors or of any committee of the directors to one vote for every director whom he represents

12 DISQUALIFICATION OF DIRECTORS

The office of a director shall be vacated if he becomes incapable by reason of illness or injury of managing and administering his property and affairs

13 GRATUITIES AND PENSIONS

13 1 Regulation 87 in Table A shall not apply to the Company

14 PROCEEDINGS OF DIRECTORS

14 1 Regulation 88 in Table A shall be read and construed as if the third sentence were omitted therefrom

14 2 Subject to Article 14 3, the directors may, in accordance with section 175(5)(a) of the Act, authorise any matter which would otherwise involve or may involve a director breaching his duty under section 175(1) of the Act to avoid conflicts of interest (a "Conflict")

14 3 When a Conflict is considered by the directors, the director seeking authorisation in relation to the Conflict and any other director with a similar interest

(a) shall not count in the quorum nor vote on a resolution authorising the Conflict, and

(b) may, if the other directors so decide, be excluded from the board meeting while the Conflict is considered

14 4 Each director shall comply with his obligations to disclose his interest in the existing and proposed transactions or arrangements with the Company pursuant to sections 177 and 182 of the Act

14 5 Save in relation to a resolution authorising a Conflict, a director may vote, at any meeting of the directors or of any committee of the directors, on any resolution, notwithstanding that it in any way concerns or relates to the matter in which he has, directly or indirectly, any kind of interest whatsoever, and if he shall vote on any such resolution his vote shall be counted, and in relation to any such resolution as aforesaid he shall whether or not he shall vote on the same be taken into account in calculating the quorum present at the meeting

14 6 Regulations 94 to 97 (inclusive) in Table A shall not apply to the Company

15 NOTICE OF DIRECTORS' MEETINGS

15 1 Reasonable notice in writing or by e-mail of every meeting of the directors shall be given to each director and any Observer (provided that the appointor has complied with Article 9 9) Reasonable notice shall, for the purpose of this Article 15 1, mean 14 clear days, however, in case of emergency or in respect of matters requiring prompt attention, shorter notice may be given as thought appropriate by the directors

15 2 Notice of directors meetings shall not be served on any director or Observer, if the director or the Observer has (a) failed to furnish the Company with an address or e-mail address to which such notices should be sent or (b) (in the case of a director only) nominated an alternate, provided that if a director's nomination of an alternate comes to an end or is revoked the director in question shall once again be entitled to receive notice of directors meetings provided that he has furnished the Company with an address or e-mail address to which such notices should be sent The third sentence of regulation 88 shall not apply to the Company

- 15 3 Regulation 111 shall be read as if the words "other than a notice calling a meeting of the directors need not be in writing" were deleted therefrom
- 15 4 Each such notice shall
- 15 4 1 be sent to the address or an e-mail address notified from time to time by each director or each appointed Observer to the secretary (or, if there is none at that time, the chairman) as his address for the service of such notices (or if no address has been so supplied, to his last known address),
- 15 4 2 contain an agenda specifying in reasonable detail the matters to be discussed at the relevant meeting, and
- 15 4 3 be accompanied by any relevant papers for discussion at such meeting
- 15 5 Any such notice may be delivered personally or by first class prepaid letter or by e-mail
- 15 6 Any such notice shall be deemed to be served
- 15 6 1 if personally delivered, at the time of delivery, provided that if the time of delivery does not fall on a Business Day then the notice shall be deemed to be served on the next Business Day and, in proving service, it shall be sufficient to produce a receipt for the notice signed by or on behalf of the addressee,
- 15 6 2 if by letter, at noon on the Business Day 48 hours after posting, provided that if the time of deemed delivery does not fall on a Business Day then the notice shall be deemed to be served on the next Business Day and, in proving service it shall be sufficient to prove that the letter was properly stamped first class, addressed and delivered to the postal authorities, and
- 15 6 3 if by e-mail, 12 hours after transmission, provided that if the time of delivery does not fall on a Business Day, then the notice will be deemed to be served on the next Business Day and, in proving service it shall be sufficient to produce a delivery receipt, sourced from the transmitting computers
- 15 7 Save in the case of emergency, no business or resolution shall be transacted or passed at any meeting of the directors except as was fairly disclosed in the agenda for such meeting
- 15 8 Appropriate complete minutes of each meeting of the directors shall be maintained by the Company and copies thereof distributed to the directors and appointed Observers as soon as reasonably practicable after the meeting shall have been held

15.9 A minimum of 8 board meetings shall be held in each calendar year

16 PARTICIPATION BY TELEPHONE

Any director, his alternate or any appointed Observer may validly participate in a meeting of the directors or a committee of the directors through the medium of conference telephone, video conference or similar form of communication equipment, provided that all persons participating in the meeting are able to hear and speak to each other throughout such meeting. A person so participating shall be deemed to be present in person at the meeting and shall accordingly be counted in a quorum and be entitled to vote. Such a meeting shall be deemed to take place where the largest group of those participating is assembled or, if there is no group which is larger than any other group, where the chairman of the meeting then is.

17 DOCUMENTS SENT IN ELECTRONIC FORM OR BY MEANS OF A WEBSITE

17.1 Subject to the provisions of the Act, a document or information may be sent or supplied by the Company to its members in electronic form or by being made available on a website.

17.2 Subject to the provisions of the Act, only such documents and notices as are specified by the Company may be sent in electronic form to the address specified by the Company for that purpose.

18 PROTECTION FROM LIABILITY

18.1 For the purpose of this Article 18

- (a) a "**Liability**" is any liability incurred by a director in connection with any negligence, default, breach of duty or breach of trust by him in relation to the Company or otherwise in connection with his duties, powers or office or any liability incurred by an auditor in connection with any negligence, default, breach of duty or breach of trust by him in relation to the Company occurring in the course of the audit of accounts, and
- (b) "Associated Company" shall bear the meaning referred to in section 256 of the Act.

18.2 Subject to the provisions of the Act, and without prejudice to any protection from liability which may otherwise apply

- (a) the directors shall have the power to purchase and maintain for any director of the Company, any director of an Associated Company and any officer of the Company (not being a director or auditor of the Company), insurance against any Liability, and

- (b) every director and auditor of the Company and every officer of the Company (not being a director or auditor of the Company) shall be indemnified out of the assets of the Company against any Liability incurred by him in defending any proceedings, whether civil or criminal, in which judgement is given in favour or in which he is acquitted or in connection with any application in which relief is granted to him by the court from any Liability

18 3 Regulation 118 in Table A shall not apply to the Company

19 TRANSFER OF SHARES

19 1 The directors shall refuse to register any transfer of shares made in contravention of the provisions of these articles but (subject to regulation 24 of Table A) shall not otherwise be entitled to refuse to register any transfer of shares. For the purpose of ensuring that a particular transfer of shares is permitted under the provisions of these articles, the directors may request the transferor, or the person named as transferee in any transfer lodged for registration, to furnish the Company with such information and evidence as the directors may reasonably think necessary or relevant. Failing such information or evidence being furnished to the reasonable satisfaction of the directors within a period of 28 days after such request the directors shall be entitled to refuse to register the transfer in question.

19 2 If the directors refuse to register a transfer of a share, they shall within two months after the date on which the transfer was lodged with the Company send to the transferee notice of the refusal, together with their reasons for the refusal. Regulation 25 in Table A shall not apply to the Company.

20 PERMITTED TRANSFERS

20 1 For the purposes of these articles

20 1 1 "**Family Trust**" in relation to any member means a trust which does not permit any of the settled property or the income therefrom to be applied otherwise than for the benefit of that member and/or a Privileged Relation of that member and under which no power of control is capable of being exercised over the votes of any equity shares which are the subject of the trust by any person other than the trustees or such member or his Privileged Relations,

20 1 2 "**Privileged Relation**" in relation to a member means the spouse or widow or widower of the member and the member's children and grandchildren (including step and adopted children and their issue) and step and adopted children of the member's children,

- 20 1 3 "**Settlor**" includes a testator or an intestate in relation to a Family Trust arising respectively under a testamentary disposition or an intestacy of a deceased member, and
- 20 1 4 "**Nominee**" means a person in whose name shares are registered and held for the benefit of another (the "**Beneficiary**"), including, but not limited to, the manager of any Enterprise Investment Scheme compliant investment fund
- 20 2 Notwithstanding any other provision in these articles any member (being an individual) may at any time transfer (or by will bequeath or otherwise dispose of on death) all or any shares held by him to a Privileged Relation or to trustees to be held upon a Family Trust or to a Nominee
- 20 3 Notwithstanding any other provision in these articles, the Nominee, upon written request by a Beneficiary, may transfer the legal interest in any shares held by it to the Beneficiary PROVIDED THAT such Beneficiary is the same person who was the Beneficiary at the date the Nominee became the registered holder of the shares
- 20 4 Where any shares are held by trustees upon a Family Trust
- 20 4 1 on any change of trustees such shares may be transferred to the new trustees of that Family Trust,
- 20 4 2 such shares may be transferred at any time to the settlor or to another Family Trust of the settlor or to any Privileged Relation of the settlor,
- 20 4 3 if and whenever any such shares cease to be held upon a Family Trust (otherwise than in consequence of a transfer to the settlor or to another Family Trust of the settlor or to any Privileged Relation of the settlor) a Transfer Notice (as hereinafter defined) shall be deemed to have been given in respect of the relevant shares (as hereinafter defined) by the holders thereof and such shares may not otherwise be transferred, and
- 20 5 For the purposes of Article 20 4 3 the expression 'relevant shares' means and includes the equity shares originally transferred to the trustees and any additional shares issued or transferred to the trustees by virtue of the holding of the relevant shares or any of them
- 20 6 Notwithstanding any other provision contained in these articles, the directors shall register the transfer of any shares made from any member of the Company which is a corporation (as defined in section 1173 of the Act) to any other corporation, which is a holding company or a subsidiary company of that shareholder (as both such expressions are defined in section 1159 of the Act), or another subsidiary of that shareholder's holding company without restriction as to price or otherwise, provided that should the transferee

cease to be a holding company or subsidiary company (as both such expressions are defined in section 1159 of the Act) of the transferring shareholder it shall be deemed to have served a Deemed Transfer Notice (as defined below) in respect of its entire shareholding in the Company and the provisions of Article 21 shall apply accordingly

- 20 7 Notwithstanding any other provision of these articles, any shareholder that is a fund may transfer any shares held by it to any other fund that is managed by the same fund manager, save that if the transferee shall cease to be managed by the same fund manager, it shall be deemed first to have transferred the relevant shares back to the original transferee, or, if that cannot be effected, second, to have transferred the relevant shares to another fund managed by the original fund manager, or if that cannot be effected third, to have served a Deemed Transfer Notice (as defined in Article 21 2) in respect of its entire shareholding in the Company and the provisions of Article 21 shall apply accordingly

21 PRE-EMPTION PROVISIONS

- 21 1 Save as otherwise provided in these articles every member who desires to transfer any shares (hereinafter called "**the Vendor**") shall give to the Company notice in writing of such desire (hereinafter called a "**Transfer Notice**")
- 21 2 Any holder of Ordinary Shares who has been made the subject of a bankruptcy order or administration order or is applying for an interim order under section 253 of the Insolvency Act 1986 or has taken steps to make any voluntary arrangement with his creditors or take advantage of any statute from time to time in force for the relief of insolvent debtors shall immediately upon the occurrence of the relevant event (as set out above) be deemed to have served a Transfer Notice (a "**Deemed Transfer Notice**") in respect of the whole of his holding of shares in the Company unless otherwise decided by resolution of the directors. In the event of a member being deemed to have served a Deemed Transfer Notice as aforesaid all Privileged Relations and trustees of any Family Trust to whom such member shall have transferred any shares pursuant to the provisions of these articles shall be deemed to have served contemporaneously with the Deemed Transfer Notice aforesaid a Transfer Notice in respect of those shares so held and any additional shares issued to such Privileged Relations and trustees of any Family Trust by virtue of the holding of such shares. Any such further deemed transfer notice shall also be termed a Deemed Transfer Notice. A Deemed Transfer Notice may not be withdrawn
- 21 3 Subject as hereinafter mentioned a Transfer Notice and a Deemed Transfer Notice shall constitute the Company the Vendor's agent for the sale of the shares specified therein or in the case of a Deemed Transfer Notice all the shares in respect of which such Deemed Transfer Notice is to be given (hereinafter called "**the Sale Shares**") in one or more lots at the discretion of the directors to all the holders of Ordinary Shares in the

Company (such shares being hereinafter in this article referred to as 'Equity Shares') other than the Vendor at the Sale Price and in accordance with Article 21 5 There shall be no addition of any premium or substitution of any discount by reference to the size of the holding that is subject to the Transfer Notice or Deemed Transfer Notice The Sale Price shall be a price agreed by the Vendor and the directors or, if the Vendor and the directors are unable to agree a price within 28 days of the Deemed Transfer Notice or Transfer Notice being given, the price which a chartered accountant (acting as an expert and not as an arbitrator) nominated by agreement between the Vendor and the Company or in default of such agreement by the President for the time being of the Institute of Chartered Accountants in England and Wales (or in his absence such applicable deputy) shall by writing under his hand certify to be in his opinion a fair value thereof on a going concern basis as between a willing seller and a willing buyer, and on the assumption that the Sale Shares are capable of transfer without restriction and his decision as to the Sale Price shall in the absence of manifest error shall be final and binding Save for shares sold pursuant to a Deemed Transfer Notice the Transfer Notice may contain a provision that unless all the shares comprised therein are sold by the Company pursuant to this Article none shall be sold (a "**Total Transfer Provision**") and any such provision shall be binding on the Company

- 21 4 If a chartered accountant is asked to certify the fair value as aforesaid his certificate shall be delivered to the Company and as soon as the Company receives the certificate it shall furnish a certified copy thereof to the Vendor and save for shares sold pursuant to a Deemed Transfer Notice the Vendor shall be entitled by notice in writing given to the Company within ten days of the service upon him of the certified copy to cancel the Company's authority to sell the Sale Shares The cost of obtaining the certificate shall be borne by the Company unless the Vendor shall give notice of cancellation as aforesaid in which case the Vendor shall bear the cost
- 21 5 Upon the price being fixed as aforesaid and provided the Vendor shall not give valid notice of cancellation the Company shall forthwith offer the Sale Shares to all holders of Equity Shares (other than the Vendor), stating whether the Sale Shares are subject to a Total Transfer Provision, in accordance with the same procedure defined in Article 2 2 for allotments of new shares
- 21 6 If the Company shall pursuant to the above provisions of this Article 21 find a member or members of the Company willing to purchase all or any of the Sale Shares the Vendor shall be bound upon receipt of the Sale Price to transfer the Sale Shares (or such of the same for which the Company shall have found a purchaser or purchasers) to such persons If the Vendor shall make default in so doing the Company shall if so required by the person or persons willing to purchase such Sale Shares receive and give a good discharge for the purchase money on behalf of the Vendor and shall authorise some

person to execute transfers of the Sale Shares in favour of the purchasers and shall enter the names of the purchasers in the register of members as the holder of such of the Sale Shares as shall have been transferred to them as aforesaid

21 7 If the directors shall not have found a member or members of the Company willing to purchase all of the Sale Shares pursuant to the foregoing provisions of this Article 21 the Vendor shall at any time within six months after the final offer by the Company to its members be at liberty to sell and transfer such of the Sale Shares as have not been so sold to any person at a price being no less than the Sale Price. If the Sale Shares were the subject of a Total Transfer Provision, such a sale may only comprise all the Sale Shares and not part only

21 8 The foregoing provisions of this Article 21 shall not apply to a transfer if the holders of 75% of the Ordinary Shares so direct in writing and the directors shall be obliged to register any such transfer

21 9 A Transfer Notice shall be deemed to have been given to the Company by any member who purports to transfer any shares other than in accordance with these articles without giving a Transfer Notice to the Company and, in those circumstances, the Deemed Transfer Notice shall

21 9 1 be deemed to apply to the number and class of shares purported to have been transferred, and

21 9 2 entitle the Company to acquire delivery to it of the certificate for the shares purported to have been transferred,

21 9 3 and where the context permits, references in these articles to a Vendor shall include a member deemed to have served a Transfer Notice

22 DRAG ALONG

22 1 If a Majority Group wishes to transfer all their interest in their Ordinary Shares to a bona fide arm's length purchaser ("**the Third Party Purchaser**") or receives an offer from a Third Party Purchaser to acquire the entire issued share capital of the Company, the Majority Group shall notify the other shareholder(s) in writing of the offer, the aggregate Consideration payable and the Consideration payable per share (being calculated when the offer is to purchase the Majority Group's entire shareholding in the Company by dividing the aggregate Consideration offered by the Third Party Purchaser by the number of ordinary shares in issue held by the Majority Group and when the offer is to purchase the Company's entire issued share capital by dividing the aggregate Consideration by the number of shares in issue at the date when the offer is made) together with the identity of the Third Party Purchaser a copy of any letter of offer received from the Third Party Purchaser and such evidence as the Called Shareholders

(as hereinafter defined) shall reasonably require that the Third Party Purchaser can complete the offer

22.2 The shareholder(s) receiving notification pursuant to Article 22.1 (the "**Called Shareholder(s)**") shall have a period of 28 days ("**the Notice Period**") in which to either agree to sell and transfer their shares to the Third Party Purchaser or to the Majority Group at the price per share calculated in accordance with Article 22.1 or, alternatively, to purchase the shares of the Majority Group at the price per share calculated in accordance with Article 22.1

22.3 If the Called Shareholder(s) notifies the Majority Group in writing that they wish to purchase the Majority Group's shares in accordance with Article 22.2 then completion of the sale of the Majority Group's shares shall take place within 7 days of the date of the Called Shareholder's notice pursuant to this Article 22.3 or the expiry of the Notice Period pursuant to Article 22.2 whichever is the earlier. At completion the Called Shareholder shall pay to the Majority Group the purchase monies and the Majority Group shall deliver an executed stock transfer form in the name of the Called Shareholder together with the Majority Group's share certificate(s) or in the absence of such certificate(s) a share certificate indemnity on terms to be approved by the Majority Group (acting reasonably)

22.4 If the Called Shareholder has not exercised his right within the Notice Period under Article 22.2 or completed the purchase of the Majority Group's shares pursuant to Article 22.3 then he shall, at the option of the Majority Group, be required to sell and transfer all his shares of whatever class to either the Majority Group or the Third Party Purchaser (the "**Drag Along Option**") at the price per share calculated in accordance with Article 22.1

22.5 The Majority Group may exercise the Drag Along Option by giving written notice to that effect (the "**Drag Along Notice**") at any time following the expiry of the Notice Period or the failure of the Called Shareholder to complete the purchase of the Majority Group's shares and at any time before the transfer of the Majority Group's shares to the Third Party Purchaser. A Drag Along Notice shall specify that the Called Shareholder is required to transfer all his shares (the "**Called Shares**") pursuant to this Article 22.5, the person to whom they are to be transferred, the consideration for which the Called Shares are to be transferred (which shall be calculated in accordance with Article 22.1) and (subject to Article 22.8) the proposed date of transfer

22.6 A Drag Along Notice shall be irrevocable but will lapse if for any reason there is not a sale of the Majority Group's shares by the Majority Group to the Third Party Purchaser within 90 days after the date of service of the Drag Along Notice. The Majority Group shall be entitled to serve further Drag Along Notices following the lapse of any particular Drag Along Notice

22.7 Completion of the sale of the Called Shares shall take place on the same date as the date proposed for completion of the sale of the Majority Group's shares to the Third Party Purchaser

22.8 If the Called Shareholder does not on completion of the sale of the Called Shares execute transfer(s) in respect of all the Called Shares held by him the Called Shareholder shall be deemed to have irrevocably appointed any person nominated for the purposes by the Majority Group to be his agent and attorney to execute all necessary transfer(s) on his behalf and upon receipt by the Company (on trust for such holder) of the purchase monies or any other consideration payable for the Called Shares deliver such transfer(s) to the Third Party Purchaser (or as he may direct) and the directors shall forthwith register the Third Party Purchaser (or as he may direct) as the holder thereof and, after the Third Party Purchaser (or his nominee) has been registered as the holder, the validity of such proceedings shall not be questioned by any such person. It shall be no impediment to registration of shares under this sub-article that no share certificate has been produced

23 TAG ALONG PROVISIONS

23.1 If the Majority Group wishes to transfer all their interest in their shares in the Company (**"the Vendor"**) to a Third Party Purchaser pursuant to a bona fide arms length offer, the Vendor shall notify in writing all the other holders of the shares in the Company of the proposed transfer of their interest in their shares in the Company, the aggregate Consideration payable and the Consideration payable per share (being calculated by dividing the aggregate Consideration by the number of shares in issue held by the Vendor) all the other holders of shares (**"Tag Along Shareholders"**) shall have the option (**"Tag Along Option"**) to require the Vendor to procure the purchase by the Third Party Purchaser of all ordinary shares of whatever class (**"Tag Along Shares"**) on the same terms and conditions as those offered to the Vendor by Third Party Purchaser

23.2 The Tag Along Shareholders may exercise the Tag Along Option by giving written notice to that effect (a **"Tag Along Notice"**) to the Vendor at any time within 28 days (**"the Notice Period"**) of receiving notification pursuant to Article 23.1. A Tag Along Notice shall specify that the Tag Along Shareholders wish to transfer all their shares (**"Tag Along Shares"**) at a price per share calculated in accordance with Article 23.1 to the Vendor

23.3 Tag Along Notices shall be irrevocable but will lapse if for any reason there is not a sale of the Vendor shares to the Third Party within 90 days after the date of service of the Tag Along Notice. The Tag Along Shareholders shall be entitled to serve further Tag Along Notices following the lapse of any particular Tag Along Notice

23 4 Completion of the sale of the Tag Along Shares shall be the same date as the date for completion of the sale of the Vendor's shares unless all of the Tag Along Shareholders and the Vendor agree otherwise

23 5 The rights of pre-emption set out in these articles shall not arise on any transfer of shares to a Third Party Purchaser (or as they may direct) pursuant to a sale in respect of which a Drag Along Notice or a Tag Along Notice has been duly served

24 PROHIBITED TRANSFERS

24 1 Notwithstanding anything else contained in these articles no share shall be issued or transferred to any infant, bankrupt or person of unsound mind

25 LIABILITY OF MEMBERS

25 1 The liability of members is limited to the amount, if any unpaid on the shares held by them

26 REGISTERED OFFICE

26 1 The Company's registered office is to be situated in England and Wales

SCHEDULE 1

DEFINITIONS, RESERVED MATTERS AND THE RIGHT TO APPOINT A DIRECTOR

1 DEFINITIONS

In these articles and Schedule unless the context otherwise requires the following expressions have the following meanings

- 1 1 **"Business Day"** means any day (other than a Saturday or Sunday) on which clearing banks are open for normal business in London,
- 1 2 **"Business Plan"** means the business plan in issue at the relevant time,
- 1 3 **"Connected"** shall have the meaning attached to it in section 993 of the Income Taxes Act 2007,
- 1 4 **"Employee Share Option Plan"** any share option scheme established by the Company for the benefit of employees and/or any of the persons referred to in section 1166 of the Act,
- 1 5 **"Emoluments"** means emoluments of every description including, without limitation, salaries, directors' fees, consultancy fees, bonuses, commissions, profit shares under any incentive scheme, pension contributions payable by the Company and benefits in kind as quantified for income tax purposes,
- 1 6 **"Encumbrance"** means and includes any interest or equity of any person (including, without prejudice to the generality of the foregoing, any right to acquire, option or right of pre-emption) or any mortgage, charge, pledge, lien or assignment or any other encumbrance priority or security interest or arrangement of whatsoever nature over or in the relevant property,
- 1 7 **"Intellectual Property Rights"** means all intellectual property rights of any nature anywhere in the world whether registered, registerable or otherwise, including but not limited to all patents, trademarks, copyright and rights in the nature of copyright, design rights (whether registered or not), business names, brand names and domain names, rights in databases, rights in and to software source codes and object codes, moral rights and know how
- 1 8 **"Non Executive Director"** means a director appointed in accordance with paragraph 3 of this Schedule 1 and who is not an employee of the Company,
- 1 9 **"Ordinary Shares"** means the ordinary shares £0.01 pence each in the share capital of the Company from time to time,



1 10 **"Majority Group"** means holders of Ordinary Shares holding together in excess of 50% in aggregate in nominal value of the Ordinary Shares in issue for the time being, and

1 11 "shares" means the Ordinary Shares

2. SHARE CAPITAL

2 1 The Company has no stated authorised share capital

3. MATTERS REQUIRING SHAREHOLDERS' CONSENT

3 1 Issue, allot, redeem, purchase or grant options over any of the Company's shares or other securities or reorganise the Company's share capital in any way,

3 2 increase the authorised share capital of the Company,

3 3 pay or make any dividend or other distribution,

3 4 make any distribution out of capital profits or capital reserves (including any share premium account or capital redemption reserve fund),

3 5 alter the provisions of the Company's memorandum or articles of association or pass any resolution for winding up,

3 6 go into liquidation or request the appointment of a receiver or receiver and manager or administrative receiver to be appointed over all or any part of the assets of the Company or petitioning the court for the grant of an administration order pursuant to the Insolvency Act 1986 or taking steps for the implementation of a voluntary arrangement pursuant to part 1 of the Insolvency Act 1986 (save that the consent of the members of the Company shall not be required to implement any of the matters contemplated by this paragraph 3 6 where the directors reasonably believe that this is in the interests of the creditors of the Company as a whole or is otherwise required of them in their capacity as directors of the Company),

3 7 change the auditors, accounting reference date or registered office of the Company,

3 8 acquire or make any investment in another company or business or incorporate any subsidiary,

3 9 merging or amalgamating with any other company firm or undertaking,

3 10 appoint any new director or senior employee (meaning an employee whose rate of gross contractual salary is £70,000 per annum or more) or vary the Emoluments of any of its directors,

- 3 11 enter into any agreement or transaction which cannot be terminated by the Company without penalty within 6 months of its commencement, is material and otherwise than in the ordinary course of business, or the liability of the Company under which is in excess of £100,000 over a 12 month period,
- 3 12 enter into or vary any contract or arrangement (whether legally binding or not) with any director or with any associate of a director,
- 3 13 give any guarantee, indemnity or security in respect of the obligations of any other person, other than in the ordinary course of business,
- 3 14 create or allow to subsist any Encumbrance over any of its assets,
- 3 15 borrow borrow any money or obtain any advance or credit in any form other than normal trade credit or other than on normal banking terms for overdraft facilities which would result in the aggregate borrowings of the Company to exceed £10,000 or materially and adversely vary the terms and conditions of any borrowings,
- 3 16 lend any money to any person (otherwise than by way of deposit with a bank or other institution the normal business of which includes the acceptance of deposits) or grant any credit to any person (except to its customers in the normal course of business),
- 3 17 incur incur any material expenditure or liability of a capital nature (including, for this purpose, the acquisition of any asset under lease or hire purchase) save in respect of office machinery and equipment reasonably required in the ordinary course of its business,
- 3 18 sell, transfer, lease, license, sub-let or in any way dispose of its business, material part of any undertaking, heritable, freehold or leasehold property or any part thereof or interest therein (being in excess of 10% by value as shown in the last audited balance sheet of the Company for the time being) or (except in the ordinary course of business) do any of the foregoing with any other of its assets or any interest therein,
- 3 19 change the nature or scope of its business as carried on from time to time or commence any new business not being ancillary or incidental to such business,
- 3 20 commence , discontinue or settle any litigation, dispute or arbitration or other legal proceedings other than debt collection in the ordinary course of business,
- 3 21 acquire or dispose of any patent, trademark, registered design or other know-how or any intellectual property rights,
- 3 22 establish the business of the Company outside the United Kingdom,
- 3 23 enter into any partnership or joint venture with any other person,



- 3 24 enter into any material contract or arrangement that is not bona fide for the benefit of the Company as a whole or on an arm's length basis,
- 3 25 pay any remuneration or expenses to any person other than as proper remuneration for work done or services provided or as proper reimbursement for expenses incurred in connection with its business,
- 3 26 make any gift or political or charitable donation,
- 3 27 factor or assign any of its book debts, and
- 3 28 allow any expansion, development or evolution of the business (whether to be conducted as part of or in connection with its main business or ancillary to it) to be effected otherwise than through the Company

4. SHAREHOLDERS RIGHT TO APPOINT DIRECTORS'

- 4 1 A member or members acting together holding in aggregate at least 5% of the issued share capital of the Company shall be entitled by notice in writing to the Company to appoint one director and by like notice to remove such a director and at any time and from time to time by like notice to appoint any other person to be a director in the place of a director so removed and a notice of appointment or removal of a director pursuant to this paragraph 4 shall take effect upon lodgement at the office or on delivery to a meeting of the directors or on delivery to the secretary and any director appointed pursuant to this paragraph 4 shall be at liberty from time to time to make such disclosure to his appointor(s) as to the business and affairs of the Company as he shall in his absolute discretion determine



Company Number 4564594

Companies Act 1985 TO 2006

Private Company Limited by Shares

ARTICLES OF ASSOCIATION

of

Microtest Matrices Limited

(Adopted by written resolution on 23rd November 2009 amended by written resolution on 15th March 2010, amended by written resolution on 15 June 2011 and further amended by special resolution on 4 July 2012)

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