

FILE COPY



**CERTIFICATE OF INCORPORATION
OF A PUBLIC LIMITED COMPANY**

Company No. 4062416

The Registrar of Companies for England and Wales hereby certifies that

KNOWLEDGE TECHNOLOGY SOLUTIONS PLC

is this day incorporated under the Companies Act 1985 as a public company and that the company is limited.

Given at Companies House, London, the 24th August 2000



N04062416A

A handwritten signature in black ink, appearing to be 'R. D. ...'.

For The Registrar Of Companies



C O M P A N I E S H O U S E

Please complete in typescript,
or in bold black capitals.

Declaration on application for registration

4 062416

Company Name in full

KNOWLEDGE TECHNOLOGY SOLUTIONS PLC



* F0120E60 *

I, Lynda Spencer, signing on behalf

of Hallmark Secretaries Limited,
120 East Road, London N1 6AA

do solemnly and sincerely declare that I am a ~~Solicitor engaged in the~~
~~formation of the company~~ ~~person named as director or~~ secretary of the
company in the statement delivered to the Registrar under section 10 of
the Companies Act 1985† and that all the requirements of the
Companies Act 1985 in respect of the registration of the above
company and of matters precedent and incidental to it have been
complied with.

† Please delete as appropriate.

And I make this solemn Declaration conscientiously believing the same
to be true and by virtue of the Statutory Declarations Act 1835.

Declarant's signature

Lynda Spencer

Declared at 120 East Road, London N1 6AA

the 24 day of August

2000

① Please print name.

before me ①

ROBERT KING

Signed

Robert King

Date

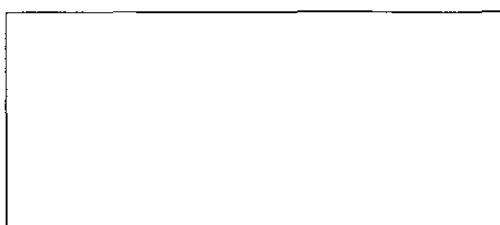
24/08/2000

A Commissioner for Oaths or Notary Public or Justice of the Peace or
Solicitor

Please give the name, address,
telephone number and, if available, a
DX number and Exchange of the
person Companies House should
contact if there is any query.

STANLEY DAVIS GROUP LIMITED
120 EAST ROAD, LONDON N1 6AA
Tel 0171 553 4601
DX number 36609 DX exchange FINSBURY

When you have completed and signed the form please send it to the
Registrar of Companies at:
Companies House, Crown Way, Cardiff, CF4 3UZ DX 33050 Cardiff
for companies registered in England and Wales
or
Companies House, 37 Castle Terrace, Edinburgh, EH1 2EB
for companies registered in Scotland DX 235 Edinburgh





Company Secretarial and Compliance Software

10

First directors and secretary and intended situation of registered office

Please complete in typescript, or in bold black capitals.

Notes on completion appear on final page

4062416

Company Name in full

KNOWLEDGE TECHNOLOGY SOLUTIONS PLC



* F 0 1 0 0 E 6 0 *

Proposed Registered Office

110 CANNON STREET

(PO Box numbers only, are not acceptable)

Post town

LONDON

County / Region

Postcode

EC4N 6AR

If the memorandum is delivered by an agent for the subscriber(s) of the memorandum mark the box opposite and give the agent's name and address.

X

Agent's Name

STANLEY DAVIS GROUP LIMITED

Address

120 EAST ROAD

Post town

County / Region

LONDON

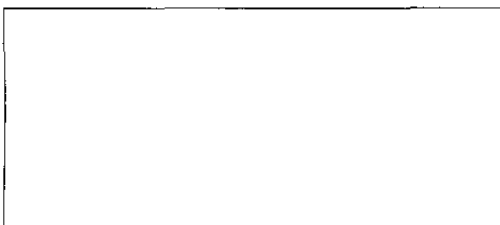
Postcode

N1 6AA

Number of continuation sheets attached

Please give the name, address, telephone number and, if available, a DX number and Exchange of the person Companies House should contact if there is any query.

STANLEY DAVIS GROUP LTD, 120 EAST ROAD, LONDON, N1 6AA
Tel
DX number DX 36609 DX exchange FINSBURY



When you have completed and signed the form please send it to the Registrar of Companies at:
Companies House, Crown Way, Cardiff, CF4 3UZ DX 33050 Cardiff
for companies registered in England and Wales
or
Companies House, 37 Castle Terrace, Edinburgh, EH1 2EB
for companies registered in Scotland DX 235 Edinburgh

Company Secretary

(See notes 1-5)

Company name

KNOWLEDGE TECHNOLOGY SOLUTIONS PLC

Name *Style/Title

*Honours etc

* Voluntary details

Forename(s)

Surname

HALLMARK SECRETARIES LIMITED

Previous forename(s)

Previous surname(s)

Address

120 EAST ROAD

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

LONDON

Postcode

N1 6AA

Country

I consent to act as secretary of the company named on page 1

Consent signature

p.p. Hallmark Secretaries Limited.

Date

24 August 2000

Directors

(See notes 1-5)

Please list directors in alphabetical order

Name *Style/Title

*Honours etc

Forename(s)

Surname

HALLMARK REGISTRARS LIMITED

Previous forename(s)

Previous surname(s)

Address

120 EAST ROAD

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

LONDON

Postcode

N1 6AA

Country

Day Month Year

Date of Birth

Nationality

Business occupation

Other directorships

I consent to act as director of the company named on page 1

Consent signature

p.p. Hallmark Registrars Limited.

Date

24 August 2000

Directors

(continued)

(See notes 1-5)

Name *Style/Title

*Honours etc

Forename(s)

* Voluntary details

Surname

HALLMARK SECRETARIES LIMITED

Previous forename(s)

Previous surname(s)

Address

120 EAST ROAD

Usual residential address

For a corporation, give the registered or principal office address.

Post town

County / Region

LONDON

Postcode

N1 6AA

Country

Day Month Year

Date of Birth

Nationality

Business occupation

Other directorships

I consent to act as director of the company named on page 1

Consent signature

p.p. Hallmark Secretaries Limited.

Date

24 August 2000

This section must be signed by

Either

an agent on behalf of all subscribers

Signed

Date

24 August 2000

Or the subscribers

Signed

Date

(i.e. those who signed as members on the memorandum of association).

Signed

Date

Signed

Date

Signed

Date

Signed

Date

Signed

Date



Company Secretarial and Compliance Software

MEMORANDUM OF ASSOCIATION

4662416

OF

KNOWLEDGE TECHNOLOGY SOLUTIONS PLC

1. The name of the Company is KNOWLEDGE TECHNOLOGY SOLUTIONS PLC
2. The Company is to be a public company.
3. The Registered Office of the Company will be situated in England and Wales.
4. The objects for which the Company is established are:-
 - (A) To carry on business as a general commercial company.
 - (B) To carry on any other business which in the opinion of the Company, may be capable of being conveniently or profitably carried on in connection with or subsidiary to any other business of the Company and is calculated to enhance the value of the Company's property.
 - (C) To purchase or by any other means acquire freehold, leasehold or any other property for any estate or interest whatever, movable or immovable or any interest in such property, and to sell, lease, let on hire, develop such property, or otherwise turn the same to the advantage of the Company.
 - (D) To apply for, register or by other means acquire any patents, patent rights, brevets d'invention, licences, trademarks, concessions and inventions and to use and turn to account the same or to develop, sell or assign the same or grant licences or privileges in respect thereof or otherwise turn the same to the advantage of the Company.
 - (E) To build, reconstruct or generally maintain buildings and works of all kinds, whether or not these are situate on the property of the Company.
 - (F) To invest and deal with the monies of the Company in such shares or upon such securities and in such manner as from time to time may be determined.
 - (G) To enter into arrangements for joint workings in business or amalgamate with or enter into any partnership or arrangement for sharing profits, union of interests, reciprocal concession or co-operation with any company, firm or person carrying on or proposing to carry on any business within the objects of this Company or which is capable of being carried on so as directly or indirectly to benefit the Company.
 - (H) To purchase or otherwise acquire, take over and undertake all or any part of the business, property, liabilities and transactions of any person, firm or company carrying on any business the carrying on of which is calculated to benefit this Company or to advance its interests, or possessed of property suitable for the purposes of the Company.

S/Day £100
N/ue

HSBC 105874

- (I) To sell, improve, manage, develop, turn to account, let on rent or royalty or share of profits or otherwise, grant licences or easements or other rights in or over, or in any other manner deal with or dispose of the undertaking and all of any of the property and assets for the time being of the Company for such consideration as the Company may think fit.
- (J) To subscribe for, take, purchase or otherwise acquire either for cash, shares or debentures in this Company or any other consideration any other company or business which, in the opinion of the Company, may be carried on so as directly or indirectly to benefit the Company.
- (K) To sell or otherwise dispose of the whole or any part of the business or property of the Company for any consideration, shares or debentures as the Company may think fit.
- (L) To lend and advance money or give credit on any terms and with or without security to any company, firm or person (including without prejudice to the generality of the foregoing any holding company, subsidiary or fellow subsidiary of, or any other company associated in any way with, the Company), to enter into guarantees, contracts of indemnity and suretyships of all kinds, to receive money on deposit or loan upon any terms, and to secure or guarantee in any manner and upon any terms the payment of any sum of money or the performance of any obligation by any company, firm or person (including without prejudice to the generality of the foregoing any such holding company, subsidiary, fellow subsidiary or associated company as aforesaid).
- (M) To borrow or raise money in any manner and to secure the repayment of any money borrowed raised, or owing by mortgage, charge, standard security, lien or other security upon the whole or any part of the Company's property or assets (whether present or future), including its uncalled capital and also by a similar mortgage, charge, standard security, lien or security to secure and guarantee the performance by the Company of any obligation or liability it may undertake or which may become binding on it.
- (N) To draw, make, accept, endorse, discount, negotiate, execute and issue cheques, bills of exchange, promissory notes, bills of lading, warrants, debentures and other negotiable or transferable instruments.
- (O) To apply for, promote, and obtain any Act of Parliament, order, or licence of the Department of Trade or other authority for enabling the Company to carry any of its objects into effect, or for effecting any modification of the Company's constitution, or for any other purpose which may seem calculated directly or indirectly to promote the Company's interests, and to oppose any proceedings or applications which may seem calculated directly or indirectly to prejudice the Company's interests.
- (P) To support and subscribe to any funds and to subscribe to or assist in the promotion of any charitable, benevolent or public purpose or object for the benefit of the Company or its employees, directors or other officers past or present and to grant pensions to such persons or their dependants.
- (Q) To distribute among the members of the Company in kind any property of the Company of whatever nature.
- (R) To pay all or any expenses in connection with the promotion, formation and incorporation of the Company, or to contract with any company, firm or person to pay the same, and to pay commission to brokers and others for underwriting, placing, selling, or guaranteeing the subscription of any shares or other securities of the Company.
- (S) To do all such other things as may be deemed incidental or conducive to the attainment of the Company's objects or any of them.

None of the objects set forth in any sub-clause of this Clause shall be restrictively construed but the widest interpretation shall be given to each such object, and none of such objects shall, except where the context expressly so requires, be in any way

limited or restricted by reference to or inference from any other object or objects set forth in any such sub-clause or by reference to or inference from the terms of any other sub-clause of this Clause, or by reference to or inference from the name of the Company.

5. The liability of the Members is limited.
6. The Company's share capital is £50,000.00 divided into 50,000 shares of £1.00 each.

We, the subscribers to this Memorandum of Association, wish to be formed into a Company pursuant to this Memorandum; and we agree to take the number of Shares shown opposite our respective names.

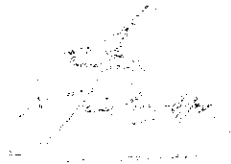
NAMES AND ADDRESSES OF SUBSCRIBERS	Number of Shares Taken by each Subscriber
------------------------------------	---

HALLMARK SECRETARIES LIMITED
120 East Road
London N1 6AA



One

HALLMARK REGISTRARS LIMITED
120 East Road
London N1 6AA



One

Dated the 24 August 2000

Witness to the above signatories:-

DAVID ORDISH
120 East Road
London N1 6AA



ARTICLES OF ASSOCIATION

OF

KNOWLEDGE TECHNOLOGY SOLUTIONS PLC

PRELIMINARY

1. (a) Subject as hereinafter provided the Regulations contained in Table A in The Companies (Table A to F) Regulations 1985 ("Table A") shall apply to the Company.

(b) In these Articles the expression "the Act" means the Companies Act 1985, but so that any reference in these Articles to any provision of the Act shall be deemed to include a reference to any statutory modification or re-enactment of that provision for the time being in force.
2. Regulations 3,8,20,41,64,73 to 80 inclusive and 94 to 97 inclusive of Table A shall not apply to the Company.

SHARES

3. (a) All unissued shares which are comprised in the authorised share capital with which the Company is incorporated shall be under the control of the directors and for the purposes of Section 80 of the Act the directors are unconditionally authorised to exercise the power of the Company to allot shares grant options over or otherwise dispose of the same to such persons and on such terms as they think fit at any time or times during the period of five years from the date of incorporation and the directors may after that period allot any shares or grant any such rights under this authority in pursuance of an offer or agreement made by the Company within that period.

(b) The authority given above may be renewed revoked or varied by ordinary resolution of the Company in general meeting.
4. In accordance with Section 95 of the Act, subsection (1) of Section 89 of the Act shall be excluded from applying to the allotment of equity securities (as defined in Section 94 of the Act) pursuant to the authority contained in Article 3 above.

LIEN

5. Subject to the provisions of Section 150 of the Act, the Company shall have a first and paramount lien on every share (not being a fully paid share) for all moneys (whether presently payable or not) payable at a fixed time or called in respect of that share. The directors may at any time declare any share to be wholly or in part exempt from the provisions of this regulation. The Company's lien on a share shall extend to any amount payable in respect of it.

FORFEITURE OF SHARES

6. If a share is forfeited pursuant to Regulation 19 of Table A it may be sold, re-allotted or otherwise disposed of on such terms and in such manner as the directors determine either to the person who was before the forfeiture the holder or to any other person and at any time before sale, re-allotment or other disposition, the forfeiture may be cancelled on such terms as the directors think fit subject always to the provisions of Section 146 of the Act. Where for the purposes of its disposal a forfeited share is to be transferred to any person the directors may authorise some person to execute an instrument of transfer of the share to that person.

GENERAL MEETINGS

7. Every notice convening a general meeting shall comply with the provisions of Section 372(3) of the Act as to giving information to members in regard to their right to appoint proxies; and 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.
8. Under Section 372(1) of the Act, a proxy appointed to attend and vote at the general meeting does not have the right to speak at the meeting.
9. (a) The words "at the time when the meeting proceeds to business" shall be inserted at the end of the first sentence of Regulation 40 of Table A.

(b) 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 therefor such adjourned general meeting shall be dissolved.

VOTES OF MEMBERS

10. If any member or other person appearing to be interested in any shares registered in the name of such member in any account in the register of members of the Company is in default in supplying within 28 days of the date of service of the notice from the Company requiring such member or other person to supply to the Company in writing all or any of such information as is referred to in Section 212 of the Act, such member shall, for such period as default of such member or other person shall continue, not be entitled, without the prior written consent of all the directors, to vote or to exercise any right conferred by membership in relation to the meetings of the Company in respect of all the shares for the time being registered in the account of the register of members of the Company in respect of which such notice was served. For the purpose of this Article a person shall be treated as appearing to be interested in any shares if the member holding such shares has given to the Company a notification under the said Section 212 which fails to establish the identities of those interested in the shares and if (after taking into account the said notification and any other relevant Section 212 notification) the Company knows or has reasonable cause to believe that the person in question is or may be interested in the shares.

DIRECTORS

11. The first director or directors of the Company shall be the person or persons named in the statement delivered under Section 10 of the Act.
12. The maximum number and minimum number respectively of the directors may be determined from time to time 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 in accordance with Section 282 of the Act the minimum number of directors shall be two.
13. (a) No person shall be appointed a director at any general meeting unless either:-
 - (i) he is recommended by the directors; or

- (ii) not less than fourteen nor more than thirty-five clear days before the date appointed for the general meeting, notice executed 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 notice executed by that person of his willingness to be appointed.
 - (b) Subject to the provisions of paragraph (a) above, 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.
 - (c) 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 any number determined in accordance with Article 12 as the maximum number of directors and for the time being in force.
14. The directors may exercise all the powers of the Company to borrow without limit as to amount and upon such terms and in such manner as they think fit and subject (in the case of any security convertible into shares) to Section 80 of the Act to grant any mortgage charge or standard security over its undertaking property and uncalled capital or any part thereof and to issue debentures debenture stock or any other securities whether outright or as security for any debt liability or obligation of the Company or of any third party.
15. A director who is in any way either directly or indirectly interested in any contract transaction or arrangement (whether actual or proposed) with the Company or in which the Company is otherwise interested shall declare the nature of his interest at a meeting of the directors in accordance with Section 317 of the Act. Subject to such disclosure a director shall be entitled to vote in respect of any such contract transaction or arrangement (whether actual or proposed) in which he is interested and whether or not he votes he shall be counted in reckoning whether a quorum is present or not.

THE SEAL

16. The Company may have a Seal if it so wishes. If the Company has a Seal the Directors may determine who shall sign any instrument to which the Seal is affixed and unless otherwise so determined it shall be signed by a Director and by the Secretary or by a second Director. The obligation under Clause 6 of Table A relating to the sealing of share certificates shall apply only if the Company has a seal.

INDEMNITY

17. In addition to the indemnity conferred by Regulation 118 of Table A and subject to the provisions of the Act every such person as is mentioned in the said Regulation shall be entitled to be indemnified out of the assets of the Company against all expenses losses or liabilities incurred by him as agent of the Company or for the Company's benefit or intended benefit or in or about the discharge or intended discharge of his duties in relation to the Company.

NAMES AND ADDRESSES OF SUBSCRIBERS

HALLMARK SECRETARIES LIMITED
120 East Road
London N1 6AA



HALLMARK REGISTRARS LIMITED
120 East Road
London N1 6AA



Dated the 24 August 2000

Witness to the above signatories:-

DAVID ORDISH
120 East Road
London N1 6AA

