

ENDORSED
FILED
In the office of the Secretary of State
of the State of California

RESTATED
ARTICLES OF INCORPORATION
OF
MICREL, INCORPORATED

SEP 13 1988

MARCH FONG EU, Secretary of State

Raymond D. Zinn and Warren E. Muller certify that:

1. They are the President and the Secretary, respectively, of Micrel, Incorporated, a California corporation.

2. The Articles of Incorporation of this corporation are amended and restated to read as follows:

I.

The name of this corporation is MICREL, INCORPORATED.

II.

The purpose of this corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of California other than the banking business, the trust company business, or the practice of a profession permitted to be incorporated by the California Corporations Code.

III.

This corporation is authorized to issue only one class of shares, denominated Common Stock, and the total number of shares which this Corporation is authorized to issue is fifty million (50,000,000) shares.

IV.

Section 4.1. Limitation of Directors' Liability. The liability of the directors of the corporation for monetary damages shall be eliminated to the fullest extent permissible under California law.

Section 4.2. Indemnification of Corporate Agents. The corporation is authorized to provide indemnification of agents (as defined in Section 317 of the Corporations Code) through bylaw provisions, agreements with agents, vote of shareholders or disinterested directors or otherwise, in excess

of the indemnification otherwise permitted by Section 317 of the California Corporations Code, subject only to the applicable limits set forth in Section 204 of the California Corporations Code with respect to actions for breach of duty to the corporation and its shareholders.

Section 4.3. Repeal or Modification. No repeal or modification of Sections 3.1 or 3.2 shall adversely affect any right of indemnification or limitation of liability of an agent of the corporation relating to acts or omissions that occur before such repeal or modification.

3. The foregoing amendment and restatement of Articles of Incorporation has been duly approved by the Board of Directors.

4. The foregoing amendment and restatement of Articles of Incorporation has been duly approved by the required vote of shareholders in accordance with Section 902 of the Corporations Code. The total number of outstanding shares of the corporation is 6,048,975. The number of shares voting in favor of the amendment equaled or exceeded the vote required. The percentage vote required was more than 50%.

We further declare under penalty of perjury under the laws of the State of California that the matters set forth in this certificate are true and correct of our own knowledge.

DATED: 8/31/18


Raymond D. Zinn, President


Warren H. Muller, Secretary

**CERTIFICATE OF AMENDMENT
OF ARTICLES OF INCORPORATION
OF
MICREL, INCORPORATED,
a California Corporation**

The undersigned Raymond D. Zinn and Warren H. Muller hereby certify that:

ONE: They are the duly elected and acting President, Chief Executive Officer and Director, and Vice President, Secretary and Director, respectively, of Micrel Incorporated, a California corporation (the "Corporation").

TWO: The Articles of Incorporation of the Corporation shall be amended as follows:

Article III shall be amended to read in its entirety as follows:

III.

3.1. **Authorized Capital Stock.** This Corporation is authorized to issue two classes of stock to be designated, respectively, "Common Stock" and "Preferred Stock." The total number of shares which the Corporation is authorized to issue is fifty-five million (55,000,000) shares. Fifty million (50,000,000) shares shall be Common Stock, no par value and five million (5,000,000) shares shall be Preferred Stock, no par value.

3.2. **Preferred Stock.** The Preferred Stock may be issued from time to time in one or more series. The Board of Directors is hereby authorized to determine or alter the rights, preferences, privileges and restrictions granted to or imposed upon any wholly unissued shares of Preferred Stock or any wholly unissued series of shares of Preferred Stock, and to establish from time to time the number of shares constituting any such series or any of them; and to increase or decrease the number of shares of any such series subsequent to the issuance of shares of that series, but not below the number of shares of such series then outstanding. In case the number of shares of any series shall be so decreased, the shares constituting such decrease shall resume the status which they had prior to the adoption of the resolution originally fixing the number of shares of such series.

THREE: Article V shall be added in read as follows:

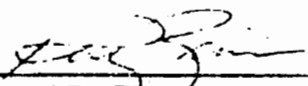
5.1 Date Effective. This article shall become effective only when the corporation becomes a listed corporation within the meaning of Section 301.5(d) of the California Corporations Code.

5.2. No Cumulative Voting. The election of directors by the shareholders shall not be by cumulative voting. At each election of directors, each shareholder entitled to vote may vote all the shares held by that shareholder for each of several nominees for director up to the number of directors to be elected. The shareholder may not cast more votes for any single nominee than the number of shares held by that shareholder.

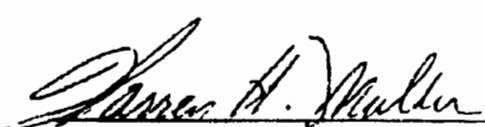
FOUR: The foregoing amendment of Articles of Incorporation has been duly approved by the Board of Directors of the Corporation.

FIVE: The foregoing amendment of Articles of Incorporation was duly approved by the holders of the requisite number of shares of the Corporation in accordance with Sections 902 and 903 of the California General Corporation Law; the total number of outstanding shares entitled to vote with respect to the foregoing amendment was 6,624,729 shares of Common Stock. The number of shares voting in favor of the foregoing amendment and restatement equaled or exceeded the vote required, such required voting being a majority of the outstanding shares of Common Stock.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Amendment of Articles of Incorporation this 27th day of November, 1994.



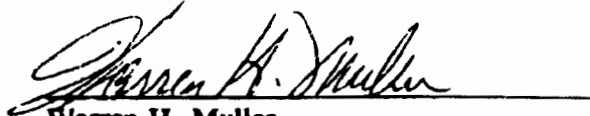
Raymond D. Zinn,
President, Chief Executive Officer and
Director



Warren H. Muller,
Vice President, Secretary and Director

The undersigned certifies under penalty of perjury that he has read the foregoing Certificate of Amendment of Articles of Incorporation and knows the contents thereof, and that the statements therein are true.

Executed at San Jose, California, on October 27, 1994.

A handwritten signature in cursive script, appearing to read "Warren H. Muller", is written over a horizontal line.

Warren H. Muller,
Vice President, Secretary and Director