



**Ordinary General Meeting 2010
of AIXTRON Aktiengesellschaft, Herzogenrath**

Report of the Executive Board to the General Meeting on agenda item 7 pursuant to §§ 71 (1) no. 8 sentence 5, 186 (3) sentence 4, (4) sentence 2 AktG

Agenda item 7 contains the proposal to authorize the Company, in accordance with § 71 (1) no. 8 AktG, to purchase own shares in the period to May 17, 2015 representing up to 10 percent of the share capital existing at the time the resolution is adopted. The current authorization, granted by the General Meeting on May 20, 2009, expires on November 19, 2010 and must therefore be replaced.

The proposed authorization will allow the Company to purchase own shares in the period to May 17, 2015 subject to the statutory limit of 10 percent of the existing share capital. The own shares shall only be purchased on the stock market or by way of a public offer for purchase to all shareholders or by way of a public invitation to submit offers for sale. This ensures adherence to the duty to treat all shareholders equally set out in § 71 (1) no. 8 sentences 3 and 4 AktG.

In accordance with the provisions of § 71 (1) no. 8 AktG, the General Meeting may authorize the Company to dispose of shares other than via the stock market or by way of a public offer to all shareholders.

At the General Meeting on May 22, 2002, a contingent capital increase was resolved, which will only be implemented to the extent that the holders of the subscription rights issued under the Stock Option Plan 2002 resolved by the General Meeting on May 22, 2002 (agenda item 13) exercise their subscription rights according to § 192 (2) no. 3 AktG. The resolution authorizing the purchase and use of own shares authorizes the Executive Board, subject to the approval of the Supervisory Board, to use own shares, while excluding the pre-emptive rights of shareholders, to fulfill subscription rights arising from the share options. This is a suitable means of countering the dilution of equity holdings and voting rights conveyed by shares, as may occur to a certain extent when subscription rights are fulfilled by creating new shares. The same applies with respect to the resolution by the General Meeting on May 22, 2007 (agenda item 10) regarding the authorization and approval to issue share options and to create new Contingent Capital II 2007 for the purpose of satisfying the rights arising from the AIXTRON Stock Option Plan 2007. In this respect the following documents will be made

available on the Company's homepage at www.aixtron.com/agm from the date of convening the General Meeting, in addition to the report of the Executive Board pursuant to §§ 71 (1) no. 8 sentence 5, 186 (3) sentence 4, (4) sentence 2 AktG, which will also be available for inspection at the General Meeting of AIXTRON AG: the resolution of the General Meeting of the Company on agenda item 13 of May 22, 2002 and the resolution of the General Meeting of the Company of May 22, 2007 on agenda item 10 with the key points of the Stock Option Plan 2002 and the AIXTRON Stock Option Plan 2007 including the information pursuant to § 193 (2) no. 4 AktG (in each case as an excerpt from the minutes of the respective General Meeting recorded by a Notary which are also available for inspection at the Commercial Register of the Company).

Subject to the approval of the Supervisory Board, the Executive Board is further authorized to sell own shares, while excluding the pre-emptive right in accordance with the provision of § 186 (3) sentence 4 AktG, to third parties (such as institutional investors) at a price that is not significantly lower than the market price of the Company's shares carrying the same rights at the time of disposal. The price to be paid for own shares will be fixed in due time prior to the date of the sale. The Executive Board will measure a discount (if any) on the market price - with due regard to the market conditions prevailing at the time of the placement - as low as possible. Such a discount on the market price at the time the authorization is used will under no circumstances be more than 5 percent of the then current market price. This authorization of the Executive Board to dispose of shares is restricted insofar as the shares to be disposed of shall in the aggregate not exceed 10 percent of the Company's share capital in existence at the time of the resolution adopted by this General Meeting or, if such amount is lower, 10 percent of the registered share capital of the Company at the time of disposal of the shares. In calculating the limit of 10 percent, those shares shall be included which were issued or used during the term of this authorization while excluding pre-emptive rights in direct or analogous application of § 186 (3) sentence 4 AktG. When calculating the 10 percent limit, it is further necessary to include those shares which are issued or will have to be issued to satisfy subscription rights arising from bonds with warrants and/or convertible bonds, if such bonds were issued or will be issued based on an authorization that is valid during the term of this authorization while excluding pre-emptive rights in analogous application of § 186 (3) sentence 4 AktG. Due to this restriction of the scope of the authorization and the fact that the price for disposing of the shares will be based on the market price, the concept of anti-dilution protection is taken into account and the interests of shareholders in terms of both asset protection and voting rights are appropriately protected. In addition, the shareholders will in principle be able to maintain their share percentages by purchasing AIXTRON shares on the stock exchange. The authorization is in the interest of the Company because it gives the Company a wider scope of action and more flexibility.

Further, with the approval of the Supervisory Board, the purchased shares can be used to satisfy the subscription rights of holders of bonds with warrants or convertible bonds which were or will be issued by the Company and/or its subsidiaries. It may be more appropriate for the Company to use own shares instead of implementing a capital

increase to fully or partly satisfy the rights arising from these bonds to subscribe for Company shares. This possibility increases the Company's scope of action. Therefore, the authorization provides for own shares to be used accordingly; in this respect, shareholders' pre-emptive rights are also excluded.

It will further be possible to offer and transfer the purchased shares to third parties, with the approval of the Supervisory Board, in connection with mergers or acquisitions of companies, parts of companies, equity interests in companies or other assets while excluding the pre-emptive rights of shareholders. The Company will be able to offer own shares as consideration in these cases. This form of consideration is increasingly required due to international competition and the globalization of the economy. The proposed authorization will enable the Company to exploit opportunities to acquire companies, parts of companies, equity interests in companies or other assets quickly.

Finally, it will be possible to cancel the repurchased own shares, with the approval of the Supervisory Board, without obtaining a new resolution of the General Meeting. The proposed authorization provides in accordance with § 237 (3) no. 3 AktG that the Executive Board may cancel the shares without a capital decrease. By cancelling the shares without a capital decrease the pro rata amount represented by the remaining no-par value shares in the share capital of the Company will increase. The Executive Board is authorized to amend the Articles of Association to reflect the change in the number of the Company's no-par value shares with the approval of the Supervisory Board.

The Executive Board will carefully examine in each specific case whether it should make use of the authorization to repurchase and use own shares while excluding pre-emptive rights of shareholders with the approval of the Supervisory Board. This authorization will only be exercised if it is in the interests of the Company and therefore of its shareholders in the opinion of the Executive Board and the Supervisory Board, and if it is reasonable.

The Executive Board will report on the utilization of the authorization to purchase and use own shares to the next General Meeting.

The present authorization to purchase and use own shares supersedes the authorization to purchase and use own shares that was resolved by the General Meeting on May 20, 2009.

Herzogenrath, March 2010

AIXTRON Aktiengesellschaft

– The Executive Board –