

# ISO 10303-511:2001-04 (E)

## Industrial automation systems and integration - Product data representation and exchange - Part 511: Application interpreted construct: Topologically bounded surface

---

<b>Contents</b>		<b>Page</b>
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>2</b>
<b>3</b>	<b>Terms, definitions and abbreviations .....</b>	<b>2</b>
<b>3.4</b>	<b>Other definitions .....</b>	<b>3</b>
<b>3.5</b>	<b>Abbreviations .....</b>	<b>4</b>
<b>4</b>	<b>EXPRESS short listing .....</b>	<b>4</b>
<b>4.1</b>	<b>Fundamental concepts and assumptions .....</b>	<b>6</b>
<b>4.2</b>	<b>aic topologically bounded surface schema entity definition: advanced face .....</b>	<b>8</b>
<b>Annex A (normative) Short names of entities .....</b>		<b>12</b>
<b>Annex B (normative) Information object registration .....</b>		<b>13</b>
<b>B.1</b>	<b>Document identification .....</b>	<b>13</b>
<b>B.2</b>	<b>Schema identification .....</b>	<b>13</b>
<b>Annex C (informative) Computer-interpretable listings .....</b>		<b>14</b>
<b>Annex D (informative) EXPRESS-G diagrams .....</b>		<b>15</b>
<b>Index .....</b>		<b>24</b>
<b>Figures Figure D.1 aic topologically bounded surface EXPRESS-G diagram page 1 of 8 .....</b>		<b>16</b>
<b>Figure D.2 aic topologically bounded surface EXPRESS-G diagram page 2 of 8 .....</b>		<b>17</b>
<b>Figure D.3 aic topologically bounded surface EXPRESS-G diagram page 3 of 8 .....</b>		<b>18</b>
<b>Figure D.4 aic topologically bounded surface EXPRESS-G diagram page 4 of 8 .....</b>		<b>19</b>
<b>Figure D.5 aic topologically bounded surface EXPRESS-G diagram page 5 of 8 .....</b>		<b>20</b>
<b>Figure D.6 aic topologically bounded surface EXPRESS-G diagram page 6 of 8 .....</b>		<b>21</b>
<b>Figure D.7 aic topologically bounded surface EXPRESS-G diagram page 7 of 8 .....</b>		<b>22</b>
<b>Figure D.8 aic topologically bounded surface EXPRESS-G diagram page 8 of 8 .....</b>		<b>23</b>
<b>Tables Table A.1 Short names of entities .....</b>		<b>12</b>