





Siemens Automation Software









SIEMENS Languages of the user interface Portal view User interface language _ Select the language in which the user interface Open existing project English Create new project Migrate project 🚱 User interface language Project view ₩ Siemens - My_Project Project Edit View Insert Online Options Tools Window Save project Rose Project Tee Support packages Totally Integrated Automation PORTAL Project tree Support packages Install general station description file (GSD) Devices Show reference text **1** 0 0 _ U Global libraries My_Project Add new device User interface language English Mnemonic International ▶ 1 PLC_1 [CPU 1214C DC/DC/DC] ► ☐ HMI_1 [KTP600 Basic PN] ► ☐ Common data ► ☐ Documentation settings ▶ 🛅 Languages & resources ▶ 🋅 SIMATIC Card Reader TIA-MICRO1 / Introduction TIA Portal Page 12 Siemens AG © 2011









SIEMENS Project languages ₩ Siemens - My_Project Project Edit View Insert Online Options Tools Window 📑 🎦 🖫 Save project 🚇 🐰 🗓 📵 🗙 🤝 🖢 📵 🔀 🖺 📵 🔀 🧸 🥦 Go online 🥻 Go offline □ 4 Project tree **(**■) Tasks Devices 900 <u></u> ▼ 🛅 My_Project Reference language: German (Germany) Editing language: English (United States) Add new device A Devices & networks ▶ 1 PLC_1 [CPU 1214C DC/DC/DC] English (Republic of the Philippines) French (Principality of Monaco) ▶ ☐ HMI_1 [KTP600 Basic PN] English (South Africa) English (Trinidad and Tobago) French (Switzerland) Galician (Galician) ▶ 🉀 Common data Georgian (Georgia) German (Austria) English (United Kingdom) ▶ 🛅 Documentation settings English (United States) English (Zimbabwe) ▼ 🔯 Languages & resources German (Germany) Project texts Project languages Project graphics Estonian (Estonia) Faroese (Faroe Islands) German (Luxembourg) Finnish (Finland) German (Switzerland) ▶ 🔚 Online access French (Belgium) Greek (Greece) ▶ 🋅 SIMATIC Card Reader French (Canada) Hindi (India) French (France) French (Luxembourg) Hungarian (Hungary) Properties Info 🗓 🗓 Diagnostics > Details view ◆ Portal view Project texts Project lang.

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SIEMENS Project texts Project Edit View Insert Online Options Tools Window Help Totally Integrated Automation PORTAL 🖖 🕦 🞧 Save project 🎩 🐰 🕦 🚡 🗙 🤝 🖢 📵 🔀 \iint 🚇 🔀 🚳 🗓 Go online 💋 Go offline Project tree Devices User texts System texts Device filter: (All objects selected) German (Ge... Ru My_Project Ru HMI_1 900 THE VS - -4 _Project\PLC_1 [CPU 1214C DC/[^ PLC 1 ProjectiPLC_1 [CPU 1214C DC/I Add new device 🚠 Devices & networks Systemfehler m... Re ✓ X Project\SYSTEM_AlarmService: Baugruppenträ... Rack message: @1₩%t#7. QGR QGR ▶ ☐ PLC_1 [CPU 1214C DC/DC/DC] ▶ 🛅 HMI_1 [KTP600 Basic PN] Alarm text My_Project\HMI_1 [KTP600 Basic Pf ▶ 🙀 Common data ▶ 🛅 Documentation settings **=** Q Alarm text My_Project\HMI_1 [KTP600 Basic Pf ▼ Tanguages & resources Project texts = 0 Alarm text My_Project\HMI_1 [KTP600 Basic PI My_Project\HMI_1 [KTP600 Basic Pf Alarm text Project languages **■** Q Alarm text My_Project\HMI_1 [KTP600 Basic Pf 🚹 Project graphics = 0 Alarm text My_Project\HMI_1 [KTP600 Basic PI Initiator Platz 1 Proximity sensor Bay 3 Text category tag comment My_Project/PLC_1 [CPU 1214C DC/E ▶ 🙀 Online access ▶ 🏣 SIMATIC Card Reader Initiator Platz 2 Proximity sensor Bay 2 Text category tag comment My_ProjectlPLC_1 [CPU 1214C DC/I 📳 Initiator Ülatz 3 Proximity sensor Bay 1 Text category tag comment My_ProjectiPLC_1 [CPU 1214C DC/E Betrieb EIN Operation¶ON Hmi screen My_Project\HMI_1 [KTP600 Basic Pf Betrieb AUS Operation¶OFF My_ProjectiHMI_1 [KTP600 Basic PI Betrieb EIN Operation ON Text List Text Category My_ProjectiPLC_1 [CPU 1214C DC/I] Properties Info Diagnostics > Details view General 🕦 Cross-references ◆ Portal view Project My_Project opened. TIA-MICRO1 / Introduction TIA Portal Page 14 Siemens AG © 2011









SIEMENS Portal and Project view Totally Integrated Automation Start Open existing project Recently used Project Path Last cha... My_Project C/IS7_Courses/S7-1200/My_Project 4/18/2011 Totally Integrated Automation 🍱 🗶 🗐 🗓 🗙 🧠 ± (= ± 📆 📆 🗓 🗓 🖺 🖫 💆 Go online 💋 G My_Project>PLC_1 _ # = X (Topology view Metwork view Device view Q ± 75% 900 First steps ✓ _ My_Project Add new device Devices & networks ✓ 1 PLC_1 [CPU 1214C DC/DC/DC] Installed software ■ R.C. | [CPU 1214C DOCDC] **Desice configuration **W Online & diagnostics **P did new block **P did new block **P did new block **P did new block **P consistor [Fc16] **P C_Count [Fc18] **P C_Count [Fc18] **P C_Micate [Fc14] * ⊕ User interface language Device overview **W** Module Q Properties Info Diag Siemens AG © 2011 TIA-MICRO1 / Introduction TIA Portal Page 15









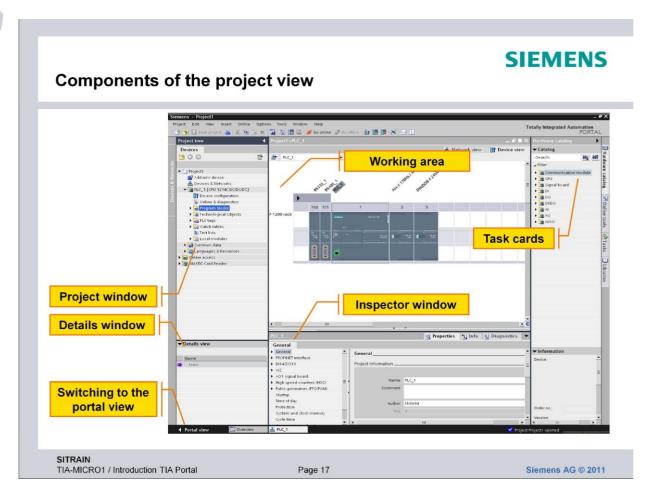
SIEMENS Portal view VA Siemens - My_Project Totally Integrated Automation PORTAL Actions for the Open existing project selected portal Recently used Open existing project Project C:\S7_Courses\S7-1200\My_Project 4/18/2011 My_Project Create new project C\S7_Kurse\S7-1200\Mein_Projekt 4/19/2011 C\S7_Kurse\S7-1200\test 4/18/2011 Mein_Projekt test Migrate project Close project Selection panel for the selected action First steps Installed software Portals for different Help tasks Wser interface language ▶ Project view Opened project: C:\S7_Courses\S7-1200\My_Project\My_Project SITRAIN TIA-MICRO1 / Introduction TIA Portal Siemens AG © 2011 Page 16



















SIEMENS Window sections in the working area Project Edit View Insert Online Options Tools Window 📑 🕦 🔚 Save project 💄 🐰 🗓 🖺 🗶 🖫 🧸 🔞 🔀 🥂 🥳 Go online 💋 Go offline **My_Solution** ► PLC_1 ► Program blocks ► Main Devices 900 🚜 🛪 🖈 🖹 🗏 📴 📴 着 My_Solution 🕨 PLC_1 🕨 Program blocks 🕨 Main <u>____</u> Interface ▼ My_Solution Name Add new device ▼ Temp 🚜 🥰 🍜 🚍 🚍 🗁 🖀 ± 🖃 🔞 🧐 🧐 😵 😘 A Devices & Networks ▶ 🛅 HMI_1 [KTP600 PN] Data type Comment Name ▼ [m] PLC_1 [CPU 1214C DC/DC/DC] Provide configuration 1 ▼ Temp ▼ Block title: 🖔 Online & diagnostics ▼ 🔙 Program blocks Add new block Main [OB1] ⊣⊢ ⊣/⊢ / ∰ → → ▼ Network 1: - OB_Cyclic-Interrupt [O. Comment ▼ Block title: "Main Program Sweep (Cycle)" OB_HW-Interrupt [OB2... "FC_Mode" FC Mode [FC15] Ξ FC_ConvMotor [FC16] Comment e EN ENO TC_RemainProg [FC66] FC_Signal [FC14] Network 1: Operation mode ON / OFF ■ FB_Statistic [FB18] ■ DB_FB_Statistic [DB18] Comment ▼ Network 2: B_OP [DB99] Comment ▶ 🚂 Technological Objects "FC_Mode" ▶ 🔚 PLC tags "FC_ConvMotor" EN ENO ▶ 🗎 Watch tables EN Text lists ▶ 🛅 Local modules ▶ M Common data TIA-MICRO1 / Introduction TIA Portal Siemens AG © 2011 Page 18

